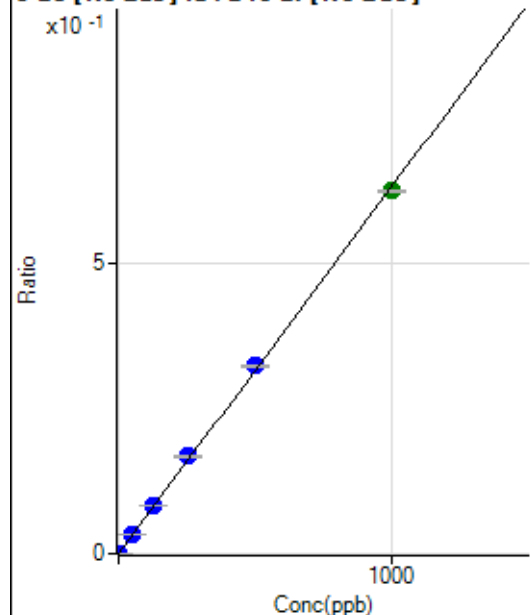


Calibration for 011CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8010524MS.b\
 Analysis File: P8010524MS.batch.bin
 DA Date-Time: 2024-01-05 14:39:10
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-01-05 10:34:57
2	005CAL.S.d	S02	2024-01-05 10:38:22
3	006CAL.S.d	S03	2024-01-05 10:41:49
4	008CAL.S.d	S04	2024-01-05 10:48:31
5	009CAL.S.d	S05	2024-01-05 10:51:38
6	010CAL.S.d	S06	2024-01-05 10:54:42
7	011CAL.S.d	S07	2024-01-05 10:57:44
8	012CAL.S.d	S08	2024-01-05 11:00:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.42	0.0000	P	29.7
2	☐	1.000	0.967	1599.47	0.0006	P	1.2
3	☐	50.000	51.265	82124.98	0.0325	P	2.0
4	☐	125.000	129.978	207055.36	0.0823	P	2.1
5	☐	250.000	264.931	412318.91	0.1677	P	0.5
6	☐	500.000	512.451	760518.89	0.3243	P	1.0
7	☐	1000.000	989.356	1468520.46	0.6262	A	0.3
8	☐			357.88	0.0002	P	24.0

$$y = 6.3290\text{E-}004 * x + 1.3843\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01951$$

$$BEC = 0.02187$$

Weight: <None>

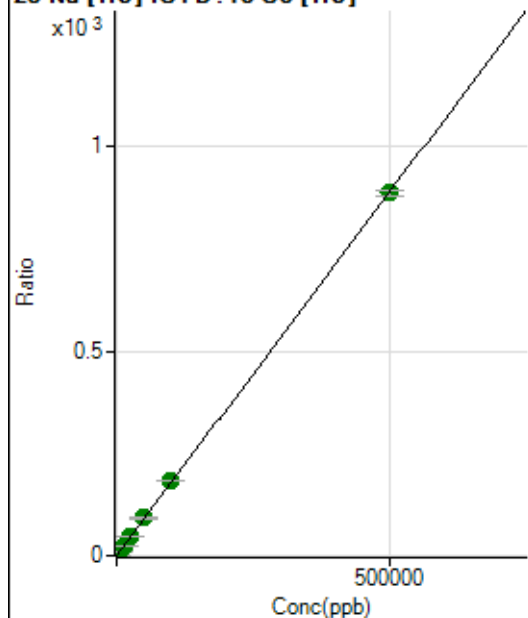
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1898023.22		A	0.9
2	☐			2185756.69		A	2.1
3	☐			2312665.42		A	2.1
4	☐			2365189.84		A	1.8
5	☐			2393649.04		A	2.7
6	☐			2432972.17		A	2.6
7	☐			2536828.87		A	2.9
8	☐			2363014.88		A	5.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24167.76		P	0.9
2	☐			28829.35		P	1.0
3	☐			30374.74		P	1.8
4	☐			32268.74		P	0.9
5	☐			31532.74		P	0.4
6	☐			33646.27		P	0.8
7	☐			35866.98		P	0.5
8	☐			36223.47		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8836.07	0.0708	P	3.6
2	☐	500.000	480.151	119337.78	0.9241	P	0.3
3	☐	5000.000	5187.506	1177664.19	9.2899	A	1.7
4	☐	12500.000	13214.766	3011915.27	23.5558	A	1.9
5	☐	25000.000	26995.512	5943365.95	48.0466	A	1.9
6	☐	50000.000	51596.316	11147697.33	91.7665	A	0.9
7	☐	100000.00	103642.34	22096123.00	184.2615	A	0.4
8	☐	500000.00	498992.40	111407789.4	886.8680	A	1.6

$$y = 0.0018 * x + 0.0708$$

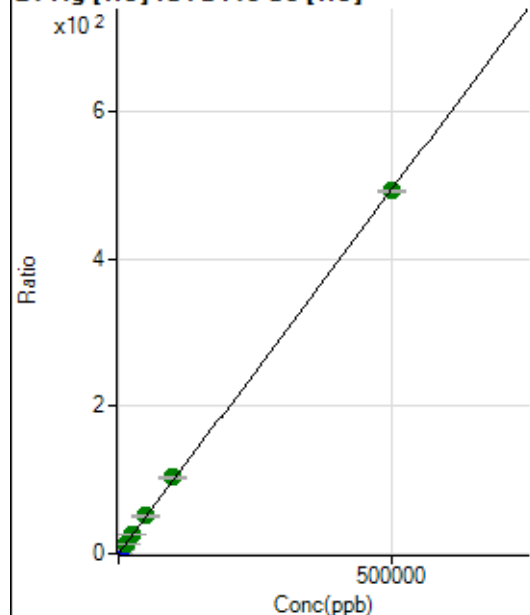
$$R = 1.0000$$

$$DL = 4.253$$

$$BEC = 39.85$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0012	P	10.9
2	☐	500.000	489.549	62670.78	0.4853	P	2.6
3	☐	5000.000	5349.558	670801.75	5.2913	P	0.7
4	☐	12500.000	13599.281	1719705.77	13.4494	A	1.6
5	☐	25000.000	27508.661	3365229.08	27.2041	A	0.7
6	☐	50000.000	51632.602	6202745.53	51.0599	A	1.0
7	☐	100000.00	104826.76	12430712.45	103.6629	A	0.9
8	☐	500000.00	498714.98	61954430.74	493.1731	A	0.4

$$y = 9.8889\text{E-}004 * x + 0.0012$$

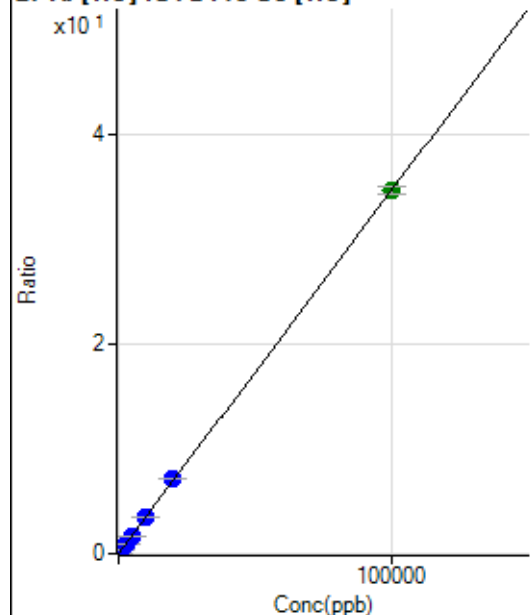
$$R = 0.9999$$

$$DL = 0.4075$$

$$BEC = 1.244$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0007	P	18.8
2	☐	20.000	16.985	851.15	0.0066	P	5.1
3	☐	1000.000	1019.447	44914.83	0.3543	P	1.5
4	☐	2500.000	2758.002	122405.50	0.9573	P	0.4
5	☐	5000.000	4952.041	212570.47	1.7183	P	0.5
6	☐	10000.000	10012.594	421971.90	3.4736	P	1.0
7	☐	20000.000	20562.614	855338.22	7.1328	P	0.8
8	☐	100000.00	99881.972	4352001.91	34.6446	A	2.0

$$y = 3.4685\text{E-}004 * x + 7.0093\text{E-}004$$

$$R = 1.0000$$

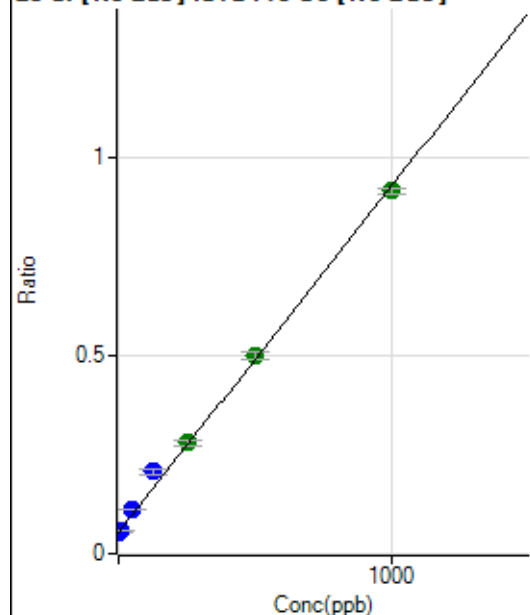
$$DL = 1.137$$

$$BEC = 2.021$$

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	208478.04	0.0539	P	2.2
2	☐	10.000	6.827	231186.95	0.0599	P	0.9
3	☐	50.000	66.441	429919.57	0.1119	P	2.2
4	☐	125.000	175.248	803268.41	0.2068	P	5.6
5	☐	250.000	258.600	1077744.40	0.2795	A	4.4
6	☐	500.000	509.490	1787438.95	0.4984	A	4.5
7	☐	1000.000	986.034	3275011.55	0.9142	A	1.7
8	☐			511296.78	0.1468	P	1.5

$$y = 8.7251\text{E-}004 * x + 0.0539$$

$$R = 0.9986$$

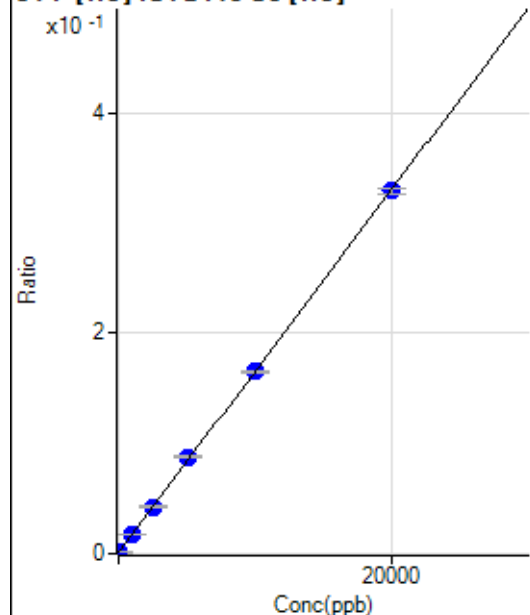
$$DL = 4.034$$

$$BEC = 61.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-9.584	93.33	0.0008	P	25.8
2	☐	0.000	9.584	137.78	0.0011	P	16.9
3	☐	1000.000	985.101	2173.52	0.0171	P	1.9
4	☐	2500.000	2533.348	5455.52	0.0427	P	2.2
5	☐	5000.000	5275.204	10867.49	0.0879	P	1.6
6	☐	10000.000	9984.946	20104.08	0.1655	P	1.4
7	☐	20000.000	19935.303	39512.61	0.3295	P	1.9
8	☐			125.56	0.0010	P	19.0

$$y = 1.6482\text{E-}005 * x + 9.0946\text{E-}004$$

$$R = 0.9999$$

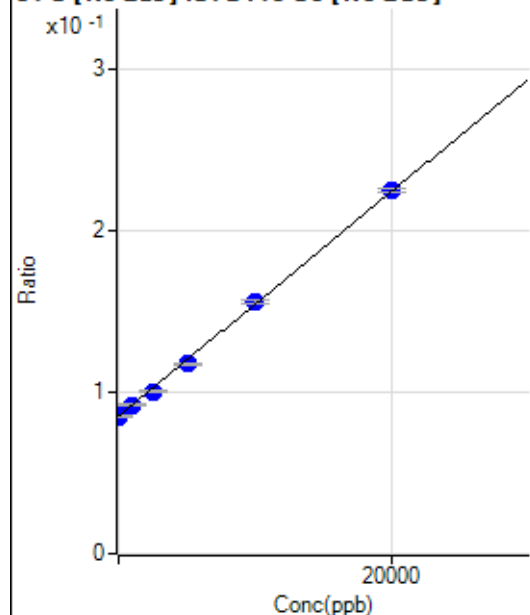
$$DL = 34.02$$

$$BEC = 55.18$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	14.269	329505.35	0.0852	P	2.2
2	☐	0.000	-14.269	328289.81	0.0850	P	1.3
3	☐	1000.000	988.149	353443.67	0.0920	P	0.9
4	☐	2500.000	2210.294	390378.02	0.1004	P	1.7
5	☐	5000.000	4616.243	451869.92	0.1172	P	1.6
6	☐	10000.000	10166.076	558569.19	0.1557	P	1.0
7	☐	20000.000	20049.707	803871.27	0.2244	P	1.0
8	☐			274754.20	0.0789	P	2.0

$$y = 6.9477\text{E-}006 * x + 0.0851$$

$$R = 0.9997$$

$$DL = 632.9$$

$$BEC = 1.225\text{E}+04$$

Weight: <None>

Min Conc: 0

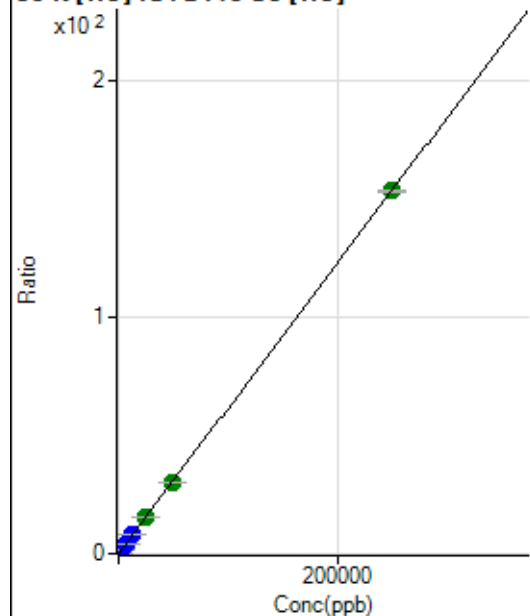
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			91152.17		P	0.9
2	☐			107686.34		P	0.1
3	☐			107735.75		P	0.3
4	☐			117770.50		P	0.8
5	☐			113459.87		P	0.3
6	☐			109060.05		P	0.4
7	☐			110315.99		P	0.6
8	☐			109684.96		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			663.35		P	9.2
2	☐			796.70		P	6.3
3	☐			724.47		P	7.9
4	☐			786.70		P	8.1
5	☐			751.14		P	5.7
6	☐			785.58		P	6.0
7	☐			801.14		P	4.6
8	☐			892.26		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7027.33	0.0564	P	5.6
2	☐	500.000	462.348	43928.86	0.3402	P	0.3
3	☐	2500.000	2507.605	202287.83	1.5957	P	1.2
4	☐	6250.000	6324.059	503589.18	3.9385	P	0.5
5	☐	12500.000	12955.851	990811.00	8.0095	P	0.8
6	☐	25000.000	25037.765	1873960.96	15.4261	A	0.9
7	☐	50000.000	49189.538	3627675.81	30.2520	A	0.5
8	☐	250000.00	250133.67	19296967.21	153.6043	A	0.3

$$y = 6.1386E-004 * x + 0.0564$$

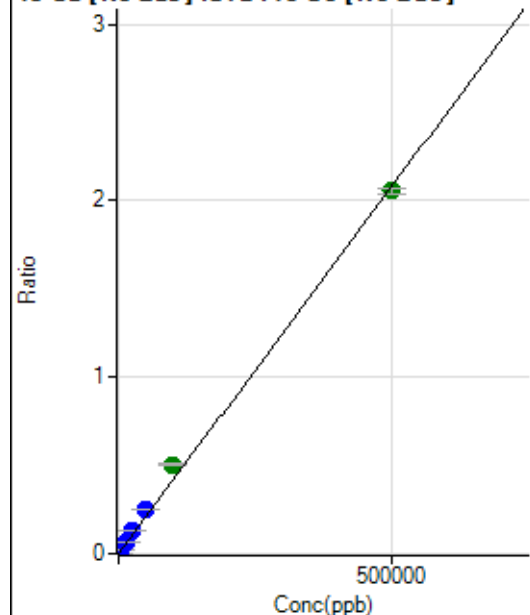
$$R = 1.0000$$

$$DL = 15.56$$

$$BEC = 91.82$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	178.89	0.0000	P	21.2
2	☐	500.000	475.862	7817.75	0.0020	P	3.1
3	☐	5000.000	5992.829	95917.04	0.0250	P	1.3
4	☐	12500.000	14877.583	240488.04	0.0619	P	2.0
5	☐	25000.000	30386.836	487274.41	0.1263	P	1.5
6	☐	50000.000	60263.271	898538.16	0.2505	P	1.8
7	☐	100000.00	121385.69	1807308.39	0.5045	A	2.6
8	☐	500000.00	494357.84	7156149.34	2.0547	A	1.6

$$y = 4.1562\text{E-}006 * x + 4.6360\text{E-}005$$

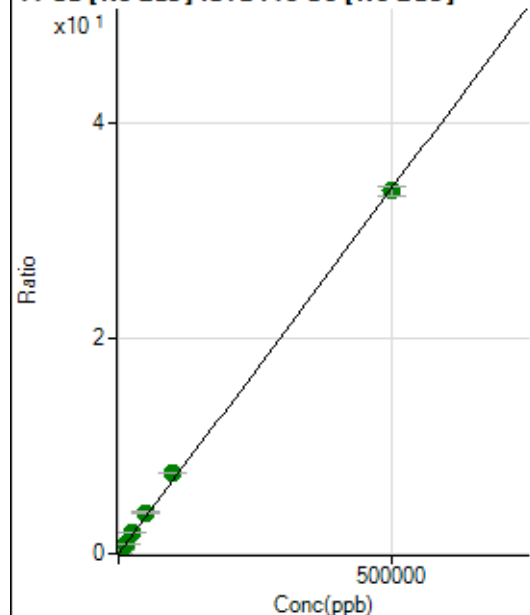
$$R = 0.9989$$

$$DL = 7.09$$

$$BEC = 11.15$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24461.03	0.0063	P	2.8
2	☐	500.000	473.457	148301.38	0.0384	P	0.7
3	☐	5000.000	5699.754	1508298.83	0.3924	A	1.1
4	☐	12500.000	14229.014	3770225.67	0.9701	A	1.9
5	☐	25000.000	28446.206	7454858.43	1.9330	A	1.9
6	☐	50000.000	56301.420	13700689.38	3.8196	A	1.8
7	☐	100000.00	110547.19	26845815.43	7.4937	A	1.1
8	☐	500000.00	497037.91	117268674.9	33.6706	A	3.0

$$y = 6.7730\text{E-}005 * x + 0.0063$$

$$R = 0.9997$$

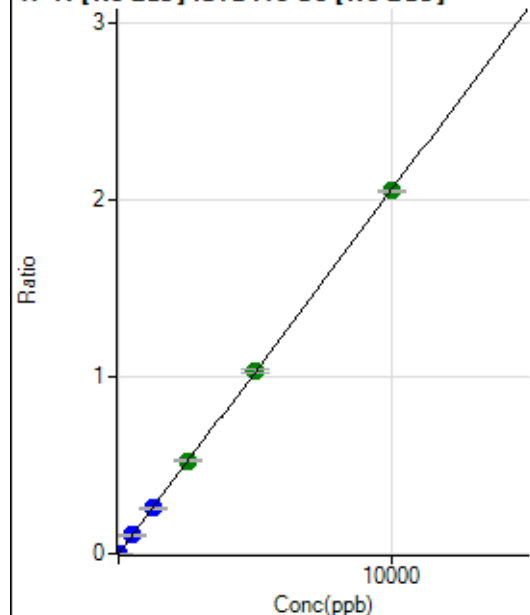
$$DL = 7.924$$

$$BEC = 93.37$$

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	86.67	0.0000	P	30.6
2	☐	5.000	4.626	3764.97	0.0010	P	2.3
3	☐	500.000	502.534	397754.55	0.1035	P	0.9
4	☐	1250.000	1252.513	1002191.18	0.2579	P	2.4
5	☐	2500.000	2561.510	2033898.48	0.5274	A	1.7
6	☐	5000.000	5015.290	3703562.55	1.0325	A	1.7
7	☐	10000.000	9976.537	7358279.33	2.0539	A	0.8
8	☐			1979.06	0.0006	P	14.6

$$y = 2.0587E-004 * x + 2.2470E-005$$

$$R = 1.0000$$

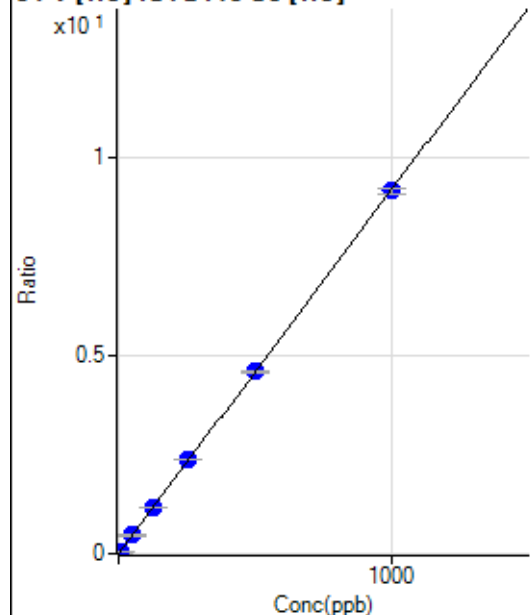
$$DL = 0.1003$$

$$BEC = 0.1091$$

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	24.44	0.0002	P	26.6
2	☐	5.000	4.733	5645.62	0.0437	P	3.2
3	☐	50.000	50.243	58608.18	0.4623	P	0.5
4	☐	125.000	127.628	150119.13	1.1740	P	1.1
5	☐	250.000	259.628	295425.75	2.3881	P	1.2
6	☐	500.000	500.204	558912.32	4.6008	P	0.4
7	☐	1000.000	997.152	1099749.39	9.1714	P	1.3
8	☐			560.03	0.0045	P	43.2

$$y = 0.0092 * x + 1.9424E-004$$

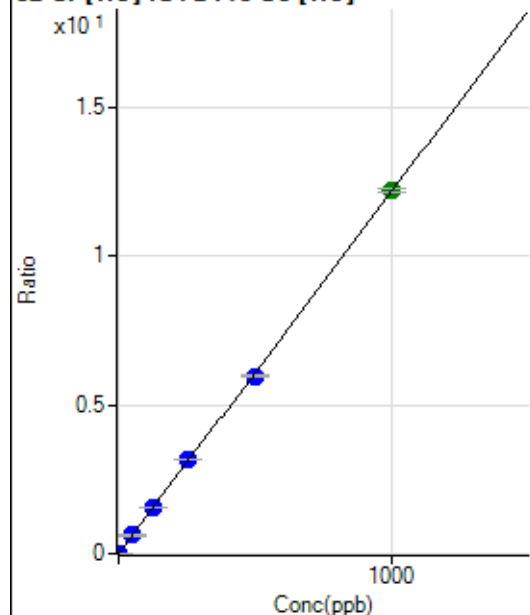
$$R = 0.9999$$

$$DL = 0.01688$$

$$BEC = 0.02112$$

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	852.26	0.0068	P	7.3
2	☐	2.000	1.830	3751.64	0.0291	P	4.3
3	☐	50.000	49.994	77843.77	0.6140	P	0.4
4	☐	125.000	126.891	197931.98	1.5480	P	0.3
5	☐	250.000	259.680	391026.58	3.1608	P	1.0
6	☐	500.000	490.782	724945.13	5.9676	P	0.8
7	☐	1000.000	1001.953	1460145.01	12.1761	A	1.1
8	☐			10149.26	0.0808	P	3.4

$$y = 0.0121 * x + 0.0068$$

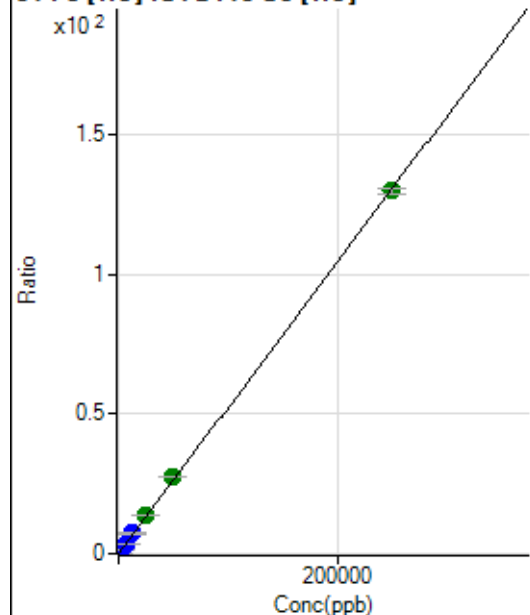
$$R = 0.9999$$

$$DL = 0.1239$$

$$BEC = 0.5623$$

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	311.12	0.0025	P	16.9
2	☐	50.000	50.269	3702.74	0.0287	P	1.6
3	☐	2500.000	2726.436	180275.77	1.4221	P	1.4
4	☐	6250.000	6858.699	456923.79	3.5736	P	0.5
5	☐	12500.000	13901.522	895701.14	7.2406	P	0.8
6	☐	25000.000	26890.754	1701297.06	14.0038	A	1.1
7	☐	50000.000	52987.796	3308728.84	27.5918	A	0.5
8	☐	250000.00	249125.80	16294816.70	129.7154	A	1.6

$$y = 5.2067E-004 * x + 0.0025$$

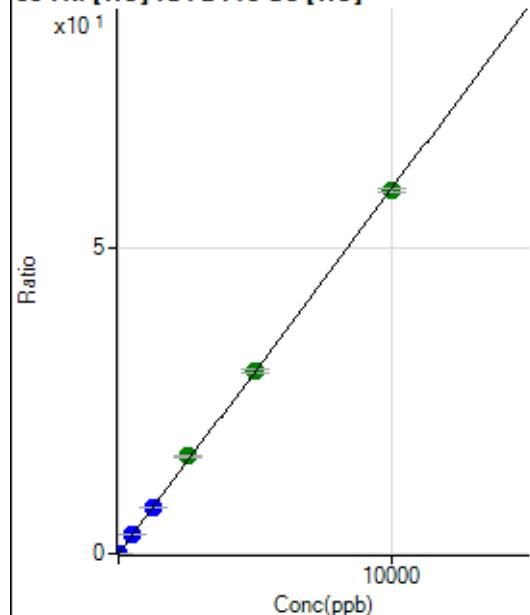
$$R = 0.9999$$

$$DL = 2.433$$

$$BEC = 4.8$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0005	P	43.6
2	☐	1.000	0.981	824.48	0.0064	P	4.1
3	☐	500.000	508.531	383914.20	3.0284	P	0.6
4	☐	1250.000	1283.428	977154.37	7.6421	P	0.6
5	☐	2500.000	2677.977	1972476.34	15.9453	A	2.7
6	☐	5000.000	5008.662	3623161.02	29.8223	A	1.7
7	☐	10000.000	9946.570	7101431.63	59.2227	A	1.1
8	☐			7105.70	0.0565	P	19.1

$$y = 0.0060 * x + 5.4301E-004$$

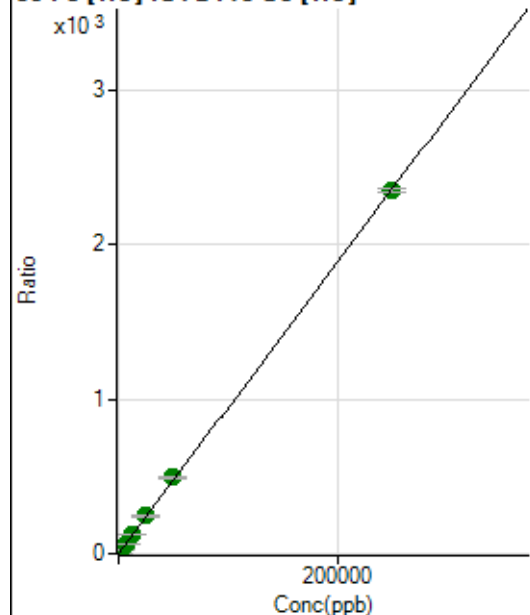
$$R = 0.9998$$

$$DL = 0.1194$$

$$BEC = 0.0912$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2197.98	0.0176	P	24.0
2	☐	50.000	49.550	62564.26	0.4845	P	0.8
3	☐	2500.000	2748.890	3285555.61	25.9166	A	0.7
4	☐	6250.000	6825.363	8224914.04	64.3236	A	1.3
5	☐	12500.000	13725.845	16000098.51	129.3373	A	1.6
6	☐	25000.000	25789.727	29520626.50	242.9986	A	1.3
7	☐	50000.000	52254.058	59035801.90	492.3353	A	1.4
8	☐	250000.00	249392.05	295178515.6	2,349.693	A	1.0

$$y = 0.0094 * x + 0.0176$$

$$R = 1.0000$$

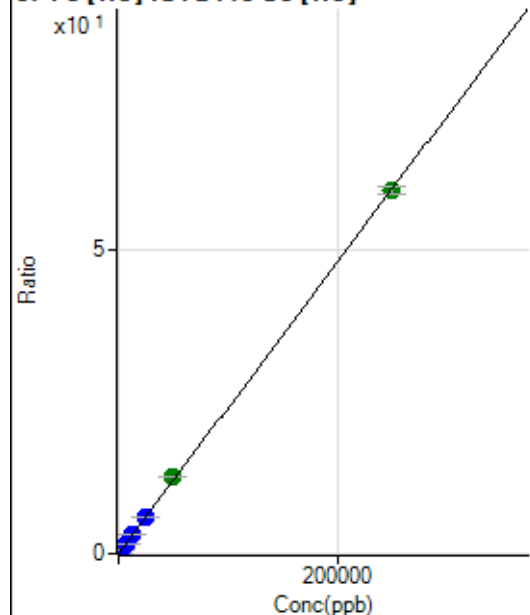
$$DL = 1.346$$

$$BEC = 1.873$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0008	P	12.7
2	☐	50.000	49.482	1630.11	0.0126	P	5.3
3	☐	2500.000	2665.833	80838.78	0.6377	P	0.7
4	☐	6250.000	6723.899	205493.11	1.6071	P	1.1
5	☐	12500.000	13483.784	398576.54	3.2220	P	1.5
6	☐	25000.000	25672.371	745161.12	6.1339	P	0.1
7	☐	50000.000	52822.237	1513301.73	12.6199	A	0.4
8	☐	250000.00	249305.62	7481528.36	59.5593	A	2.0

$$y = 2.3890E-004 * x + 8.0381E-004$$

$$R = 0.9999$$

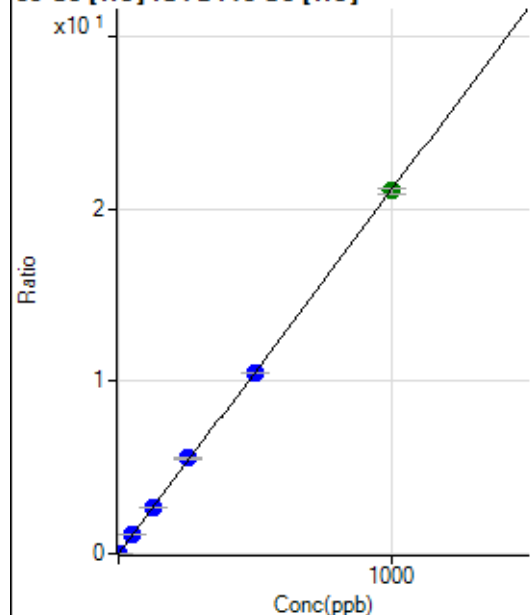
$$DL = 1.285$$

$$BEC = 3.365$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0004	P	18.4
2	☐	1.000	1.045	2903.66	0.0225	P	3.1
3	☐	50.000	51.189	137128.19	1.0817	P	0.8
4	☐	125.000	128.951	348338.61	2.7243	P	0.4
5	☐	250.000	261.920	684466.15	5.5331	P	1.0
6	☐	500.000	497.538	1276785.56	10.5101	P	0.4
7	☐	1000.000	997.697	2527194.01	21.0752	A	1.4
8	☐			7209.74	0.0574	P	7.9

$$y = 0.0211 * x + 4.0091E-004$$

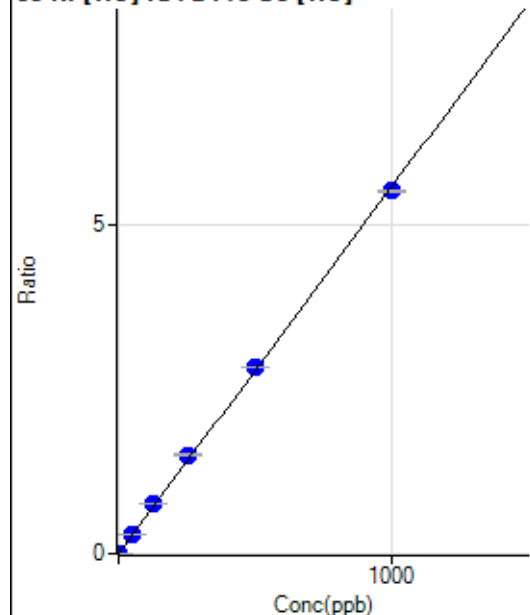
$$R = 0.9999$$

$$DL = 0.0105$$

$$BEC = 0.01898$$

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	48.89	0.0004	P	14.0
2	☐	1.000	1.044	804.47	0.0062	P	0.4
3	☐	50.000	54.115	38405.09	0.3029	P	1.5
4	☐	125.000	134.445	96160.96	0.7521	P	0.5
5	☐	250.000	269.143	186189.42	1.5051	P	1.1
6	☐	500.000	508.779	345598.94	2.8449	P	0.9
7	☐	1000.000	989.438	663401.46	5.5323	P	0.3
8	☐			3654.96	0.0291	P	7.0

$$y = 0.0056 * x + 3.9303E-004$$

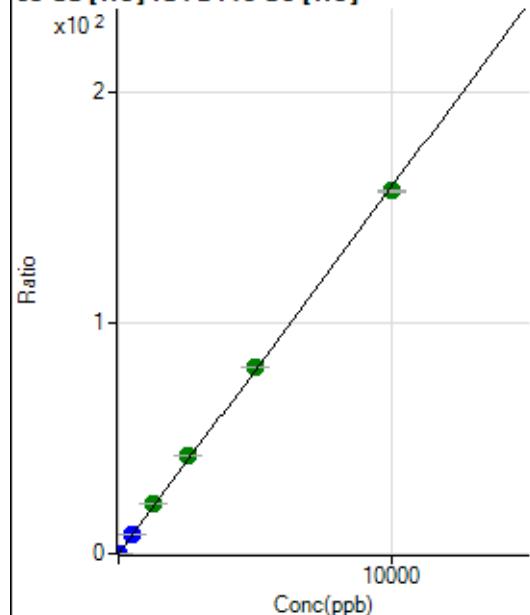
$$R = 0.9997$$

$$DL = 0.02955$$

$$BEC = 0.0703$$

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	611.13	0.0049	P	5.3
2	☐	2.000	1.931	4599.68	0.0356	P	2.1
3	☐	500.000	531.464	1072381.76	8.4593	P	1.2
4	☐	1250.000	1363.953	2774826.59	21.7022	A	1.1
5	☐	2500.000	2689.855	5293850.23	42.7943	A	0.4
6	☐	5000.000	5089.875	9836768.81	80.9731	A	0.5
7	☐	10000.000	9891.782	18869772.50	157.3604	A	0.4
8	☐			9424.48	0.0750	P	37.7

$$y = 0.0159 * x + 0.0049$$

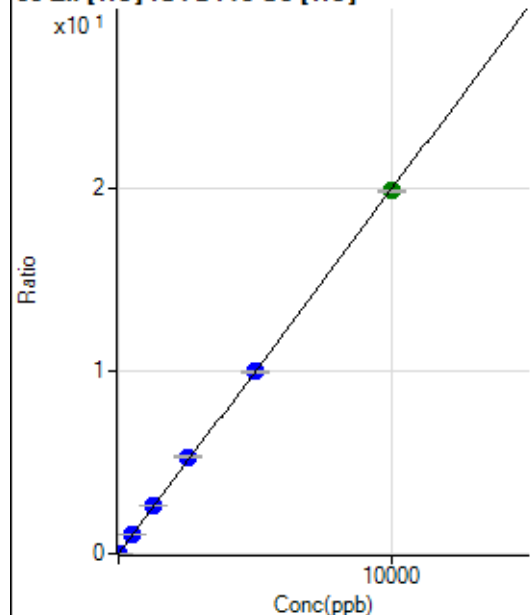
$$R = 0.9997$$

$$DL = 0.04865$$

$$BEC = 0.3078$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0013	P	4.3
2	☐	2.000	4.776	1392.31	0.0108	P	5.8
3	☐	500.000	529.856	133982.21	1.0569	P	1.6
4	☐	1250.000	1321.001	336688.33	2.6331	P	1.0
5	☐	2500.000	2649.341	653143.44	5.2796	P	1.6
6	☐	5000.000	4994.018	1208837.12	9.9509	P	0.8
7	☐	10000.000	9955.287	2378499.62	19.8354	A	0.8
8	☐			7305.33	0.0582	P	4.7

$$y = 0.0020 * x + 0.0013$$

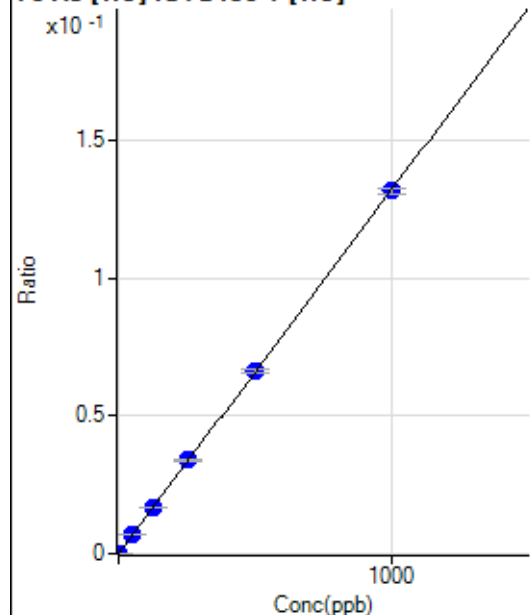
$$R = 0.9999$$

$$DL = 0.08194$$

$$BEC = 0.6346$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	1.160	158.89	0.0002	P	15.3
3	☐	50.000	50.946	6740.56	0.0067	P	1.1
4	☐	125.000	125.601	16991.49	0.0166	P	1.7
5	☐	250.000	257.427	33222.52	0.0340	P	1.6
6	☐	500.000	501.134	62848.29	0.0661	P	1.7
7	☐	1000.000	997.454	122404.14	0.1316	P	1.4
8	☐			88.89	0.0001	P	11.8

$$y = 1.3193E-004 * x + 1.1800E-006$$

$$R = 1.0000$$

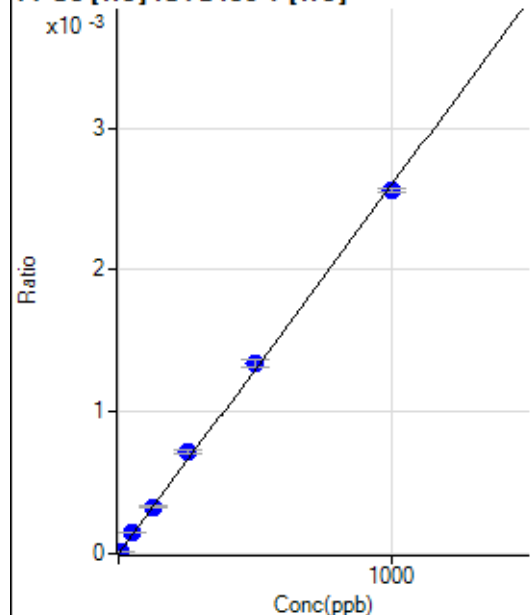
$$DL = 0.04648$$

$$BEC = 0.008944$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.731	10.00	0.0000	P	32.5
3	☐	50.000	57.574	150.00	0.0001	P	6.7
4	☐	125.000	127.239	338.90	0.0003	P	6.1
5	☐	250.000	278.048	706.69	0.0007	P	3.1
6	☐	500.000	515.969	1274.51	0.0013	P	3.6
7	☐	1000.000	984.351	2379.11	0.0026	P	1.0
8	☐			14.45	0.0000	P	27.2

$$y = 2.5982\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

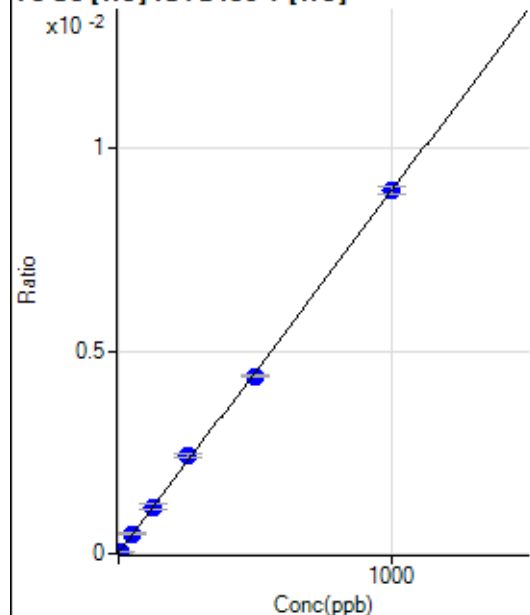
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	60.1
2	☐	5.000	4.072	48.89	0.0000	P	20.1
3	☐	50.000	52.589	482.24	0.0005	P	9.5
4	☐	125.000	128.709	1190.06	0.0012	P	11.9
5	☐	250.000	270.289	2373.56	0.0024	P	3.2
6	☐	500.000	488.651	4161.77	0.0044	P	1.1
7	☐	1000.000	1000.014	8324.76	0.0089	P	2.2
8	☐			64.45	0.0001	P	25.0

$$y = 8.9362\text{E-}006 * x + 1.1042\text{E-}005$$

$$R = 0.9997$$

$$DL = 2.228$$

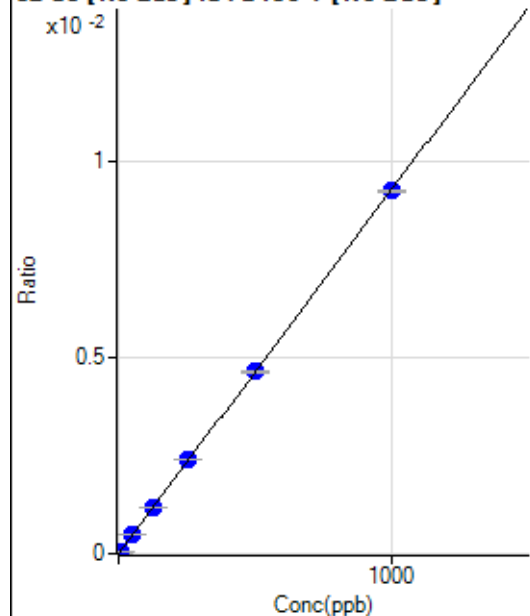
$$BEC = 1.236$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1779.02		P	6.1
2	☐			1693.45		P	1.4
3	☐			1700.12		P	0.5
4	☐			1784.57		P	5.0
5	☐			1635.67		P	4.9
6	☐			1677.90		P	3.7
7	☐			1752.35		P	1.8
8	☐			5098.77		P	17.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-14.44	0.0000	P	-48.
2	☐	5.000	4.209	370.01	0.0000	P	22.8
3	☐	50.000	51.659	4776.48	0.0005	P	2.5
4	☐	125.000	126.472	11726.27	0.0012	P	3.5
5	☐	250.000	259.483	23687.18	0.0024	P	1.4
6	☐	500.000	500.743	44106.59	0.0047	P	1.0
7	☐	1000.000	996.995	87063.99	0.0093	P	0.5
8	☐			481.13	0.0001	P	6.5

$$y = 9.2992E-006 * x - 1.4559E-006$$

$$R = 0.9999$$

$$DL = 0.2266$$

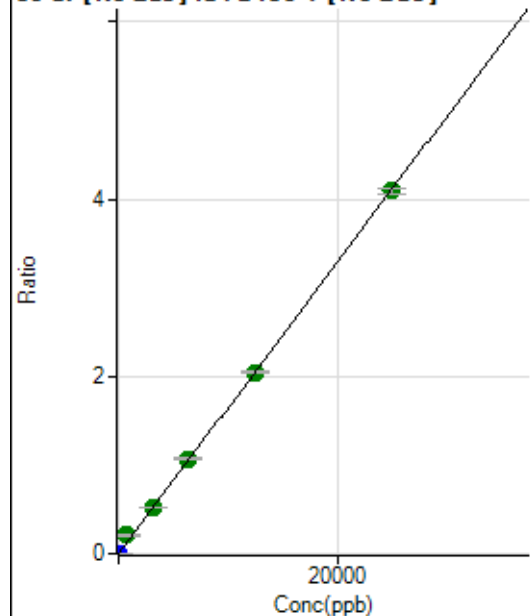
$$BEC = -0.1566$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			216.67		P	10.8
2	☐			213.34		P	10.2
3	☐			205.56		P	16.2
4	☐			200.00		P	15.3
5	☐			230.00		P	2.9
6	☐			183.34		P	13.1
7	☐			180.00		P	11.3
8	☐			187.78		P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	375.57	0.0000	P	3.8
2	☐	1.000	0.966	1931.26	0.0002	P	2.7
3	☐	625.000	1256.786	2058788.53	0.2064	A	1.0
4	☐	3125.000	3167.715	5194503.60	0.5202	A	1.0
5	☐	6250.000	6507.905	10496486.86	1.0687	A	2.0
6	☐	12500.000	12473.234	19406843.46	2.0482	A	1.6
7	☐	25000.000	24927.773	38449036.93	4.0933	A	1.8
8	☐			7373.24	0.0008	P	16.4

$$y = 1.6420E-004 * x + 3.7855E-005$$

$$R = 0.9997$$

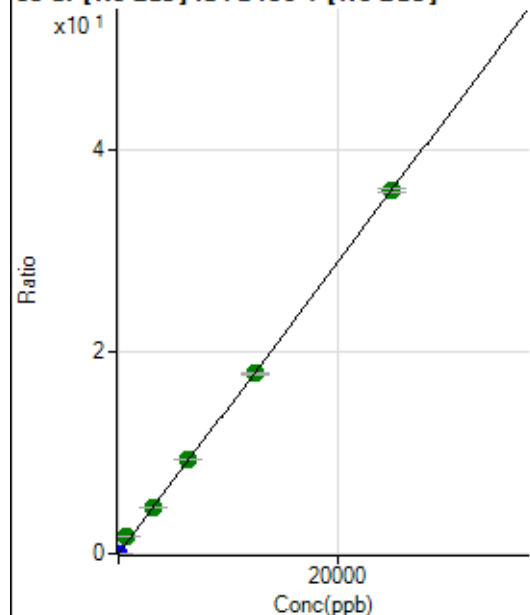
$$DL = 0.02662$$

$$BEC = 0.2305$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	743.36	0.0001	P	9.2
2	☐	1.000	0.937	13974.88	0.0014	P	1.9
3	☐	625.000	1237.243	17740621.96	1.7785	A	1.1
4	☐	3125.000	3149.584	45205864.33	4.5273	A	1.7
5	☐	6250.000	6483.822	91545459.75	9.3200	A	0.6
6	☐	12500.000	12399.163	168875525.2	17.8228	A	0.9
7	☐	25000.000	24973.584	337174274.9	35.8974	A	1.0
8	☐			62429.48	0.0069	P	19.5

$$y = 0.0014 * x + 7.4909E-005$$

$$R = 0.9997$$

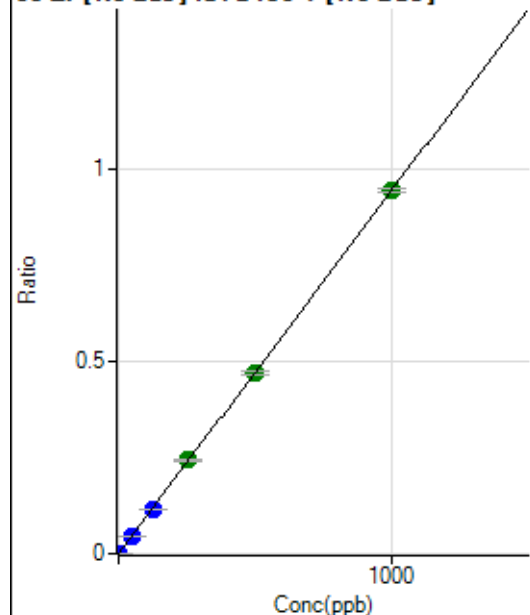
$$DL = 0.01431$$

$$BEC = 0.05211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	332.23	0.0000	P	6.3
2	☐	1.000	0.921	8888.45	0.0009	P	1.2
3	☐	50.000	48.797	460416.95	0.0462	P	1.2
4	☐	125.000	122.703	1158458.03	0.1160	P	1.9
5	☐	250.000	257.260	2388966.46	0.2432	A	1.9
6	☐	500.000	497.797	4458770.42	0.4706	A	1.6
7	☐	1000.000	999.634	8876067.71	0.9450	A	1.0
8	☐			4649.72	0.0005	P	10.2

$$y = 9.4528E-004 * x + 3.3503E-005$$

$$R = 1.0000$$

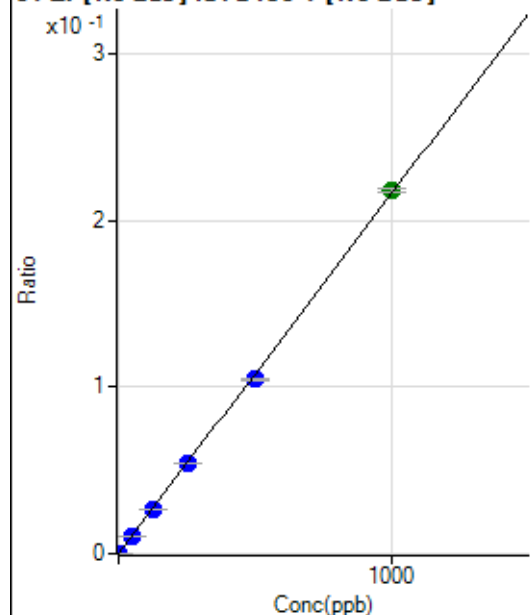
$$DL = 0.006735$$

$$BEC = 0.03544$$

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	70.00	0.0000	P	15.0
2	☐	1.000	0.897	1973.50	0.0002	P	2.6
3	☐	50.000	47.749	102950.57	0.0103	P	1.4
4	☐	125.000	121.288	261685.57	0.0262	P	1.1
5	☐	250.000	251.210	533073.79	0.0543	P	1.2
6	☐	500.000	484.756	992218.66	0.1047	P	0.7
7	☐	1000.000	1007.896	2044960.18	0.2177	A	1.0
8	☐			1090.05	0.0001	P	12.0

$$y = 2.1601\text{E-}004 * x + 7.0621\text{E-}006$$

$$R = 0.9998$$

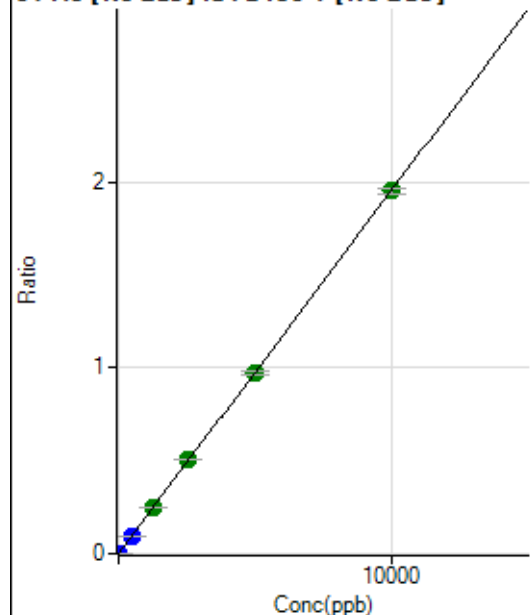
$$DL = 0.01471$$

$$BEC = 0.03269$$

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	131.11	0.0000	P	32.4
2	☐	5.000	5.524	10743.12	0.0011	P	1.9
3	☐	500.000	496.790	968897.53	0.0971	P	1.8
4	☐	1250.000	1258.158	2456804.46	0.2460	A	0.1
5	☐	2500.000	2594.746	4983087.77	0.5073	A	1.7
6	☐	5000.000	4976.528	9219420.77	0.9730	A	1.2
7	☐	10000.000	9987.190	18341271.67	1.9527	A	1.7
8	☐			6034.77	0.0007	P	16.2

$$y = 1.9552\text{E-}004 * x + 1.3239\text{E-}005$$

$$R = 0.9999$$

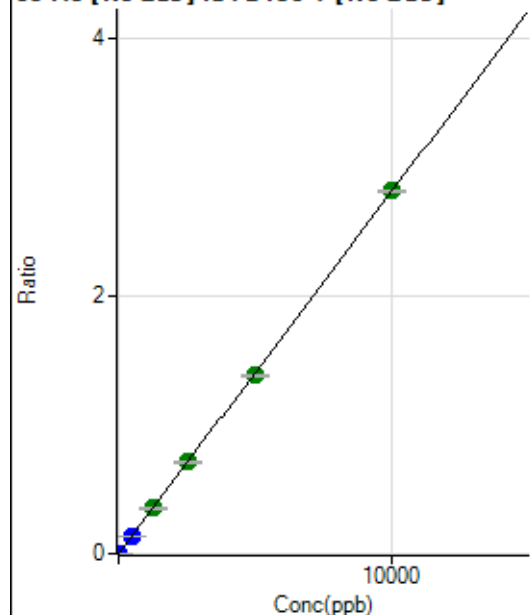
$$DL = 0.06574$$

$$BEC = 0.06771$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	47.4
2	☐	5.000	4.550	12601.35	0.0013	P	2.2
3	☐	500.000	488.834	1370676.72	0.1374	P	2.2
4	☐	1250.000	1249.596	3507777.07	0.3513	A	1.8
5	☐	2500.000	2533.660	6996033.16	0.7123	A	2.2
6	☐	5000.000	4927.579	13126022.30	1.3853	A	1.1
7	☐	10000.000	10028.404	26479764.88	2.8193	A	0.2
8	☐			7018.59	0.0008	P	16.0

$$y = 2.8113\text{E-}004 * x + 3.2590\text{E-}006$$

$$R = 1.0000$$

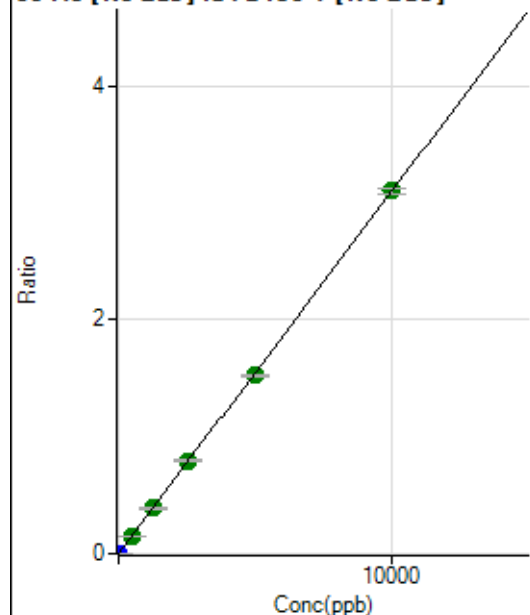
$$DL = 0.01649$$

$$BEC = 0.01159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0000	P	26.6
2	☐	5.000	4.602	14115.04	0.0014	P	0.3
3	☐	500.000	497.936	1538323.75	0.1542	A	1.1
4	☐	1250.000	1251.650	3870426.22	0.3877	A	2.4
5	☐	2500.000	2560.501	7789011.07	0.7930	A	2.8
6	☐	5000.000	4930.071	14467451.87	1.5269	A	1.2
7	☐	10000.000	10019.736	29147912.90	3.1032	A	1.8
8	☐			8027.00	0.0009	P	17.0

$$y = 3.0971\text{E-}004 * x + 1.1106\text{E-}005$$

$$R = 0.9999$$

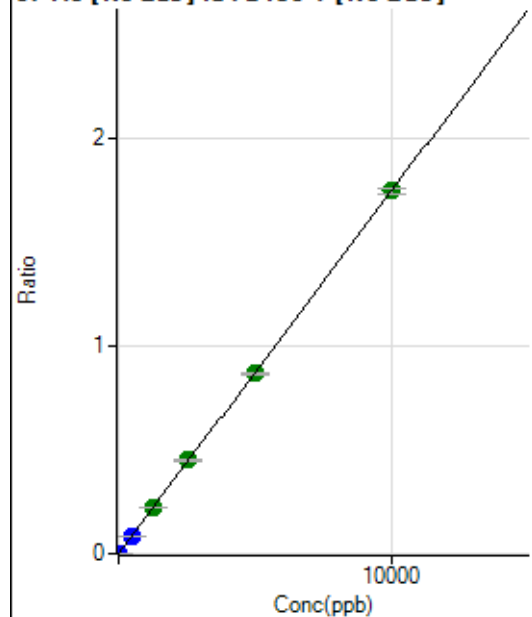
$$DL = 0.02858$$

$$BEC = 0.03586$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.5
2	☐	5.000	4.590	7892.30	0.0008	P	1.6
3	☐	500.000	494.949	862555.00	0.0865	P	2.3
4	☐	1250.000	1263.830	2205026.29	0.2208	A	2.0
5	☐	2500.000	2580.096	4428200.63	0.4508	A	1.7
6	☐	5000.000	4958.605	8209604.74	0.8664	A	1.3
7	☐	10000.000	9999.198	16410644.62	1.7472	A	1.8
8	☐			4401.92	0.0005	P	18.8

$$y = 1.7473\text{E-}004 * x + 1.2316\text{E-}006$$

$$R = 1.0000$$

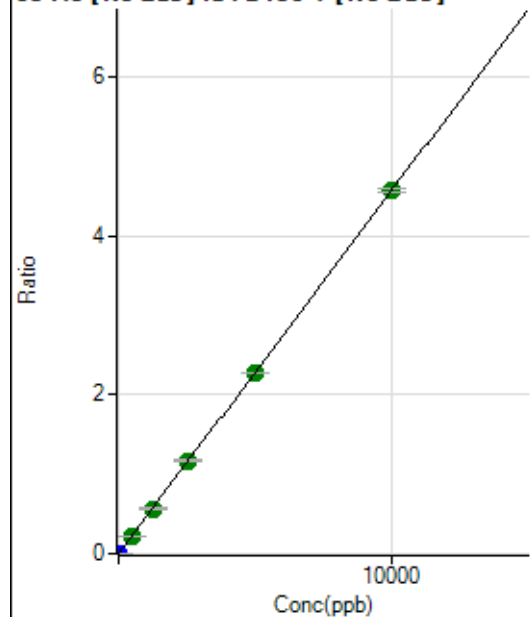
$$DL = 0.003279$$

$$BEC = 0.007048$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.45	0.0000	P	49.5
2	☐	5.000	4.599	20679.99	0.0021	P	1.2
3	☐	500.000	494.891	2252537.26	0.2259	A	2.2
4	☐	1250.000	1239.849	5649758.74	0.5658	A	1.6
5	☐	2500.000	2552.818	11443185.80	1.1650	A	1.7
6	☐	5000.000	4981.491	21540493.84	2.2734	A	0.3
7	☐	10000.000	9997.575	42851953.25	4.5625	A	0.9
8	☐			11083.95	0.0012	P	18.1

$$y = 4.5636\text{E-}004 * x + 5.4921\text{E-}006$$

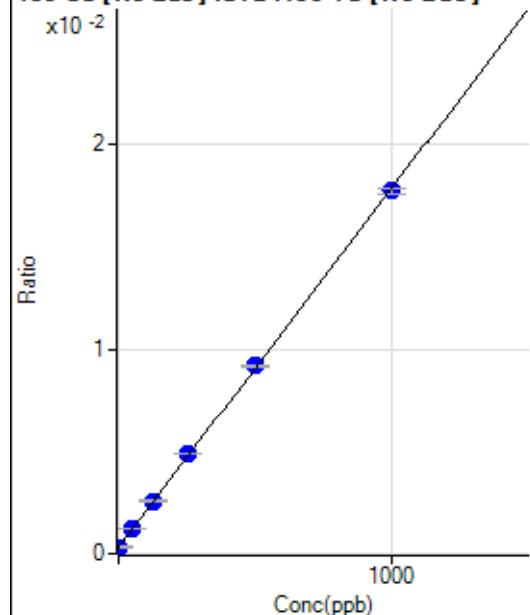
$$R = 1.0000$$

$$DL = 0.01789$$

$$BEC = 0.01203$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2543.60	0.0003	P	2.7
2	☐	1.000	0.882	2682.51	0.0003	P	6.9
3	☐	50.000	52.640	10238.32	0.0012	P	1.3
4	☐	125.000	130.004	21857.44	0.0026	P	2.6
5	☐	250.000	261.343	41691.81	0.0049	P	1.5
6	☐	500.000	505.899	75621.40	0.0092	P	1.5
7	☐	1000.000	993.457	146016.04	0.0177	P	1.8
8	☐			2361.34	0.0003	P	1.8

$$y = 1.7554\text{E-}005 * x + 3.0280\text{E-}004$$

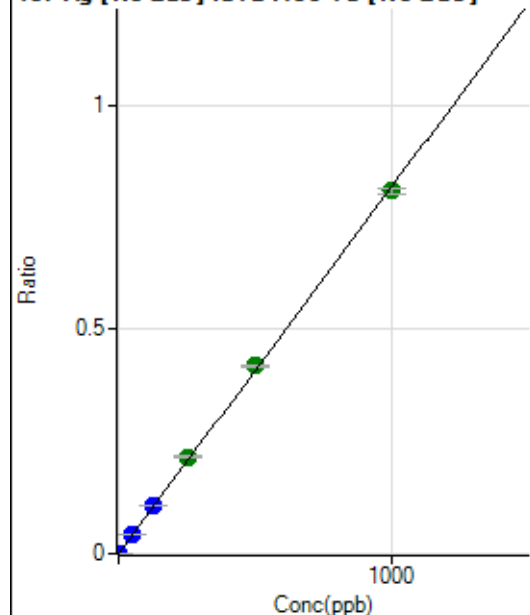
$$R = 0.9999$$

$$DL = 1.399$$

$$BEC = 17.25$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0000	P	45.0
2	☐	1.000	0.943	6564.95	0.0008	P	3.9
3	☐	50.000	51.464	351137.76	0.0421	P	1.5
4	☐	125.000	129.172	893001.16	0.1056	P	1.0
5	☐	250.000	264.431	1842722.51	0.2162	A	2.6
6	☐	500.000	512.216	3447863.07	0.4187	A	0.9
7	☐	1000.000	989.689	6658362.61	0.8090	A	1.5
8	☐			1343.45	0.0002	P	10.3

$$y = 8.1739\text{E-}004 * x + 8.7334\text{E-}006$$

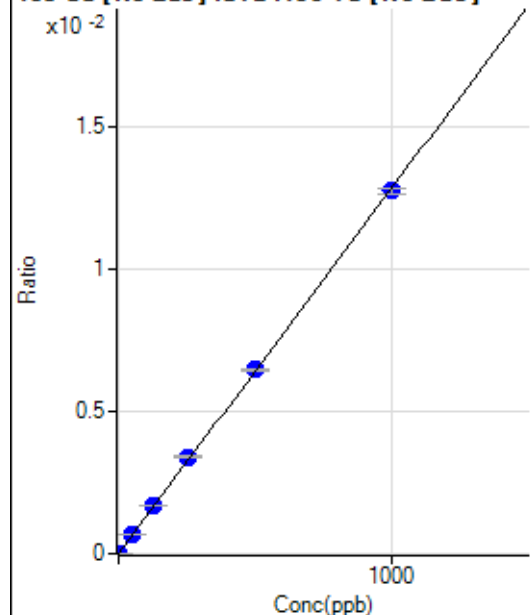
$$R = 0.9998$$

$$DL = 0.01442$$

$$BEC = 0.01068$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.028	115.56	0.0000	P	5.7
3	☐	50.000	53.911	5773.48	0.0007	P	0.9
4	☐	125.000	131.301	14243.01	0.0017	P	0.8
5	☐	250.000	265.332	29008.40	0.0034	P	3.2
6	☐	500.000	503.803	53200.07	0.0065	P	1.5
7	☐	1000.000	993.282	104827.40	0.0127	P	1.4
8	☐			118.89	0.0000	P	16.7

$$y = 1.2822\text{E-}005 * x + 5.2888\text{E-}007$$

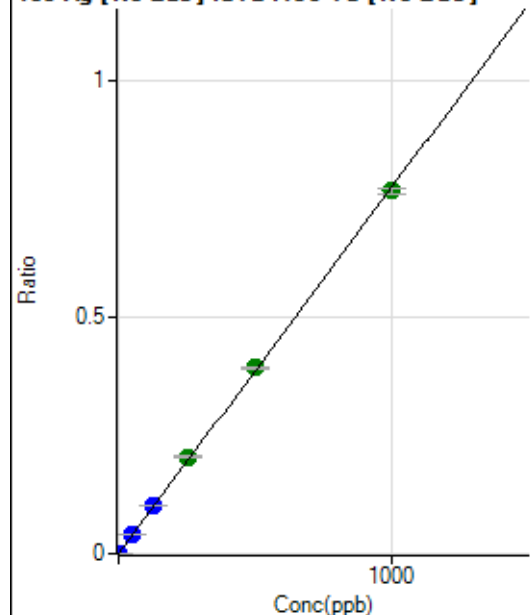
$$R = 0.9999$$

$$DL = 0.142$$

$$BEC = 0.04125$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	37.5
2	☐	1.000	0.950	6207.01	0.0007	P	1.1
3	☐	50.000	52.602	339228.08	0.0406	P	1.4
4	☐	125.000	130.686	854046.41	0.1010	P	0.8
5	☐	250.000	264.954	1745423.90	0.2047	A	1.7
6	☐	500.000	508.540	3236001.83	0.3930	A	0.9
7	☐	1000.000	991.151	6303128.52	0.7659	A	1.7
8	☐			1135.63	0.0001	P	15.7

$$y = 7.7271\text{E-}004 * x + 2.6436\text{E-}006$$

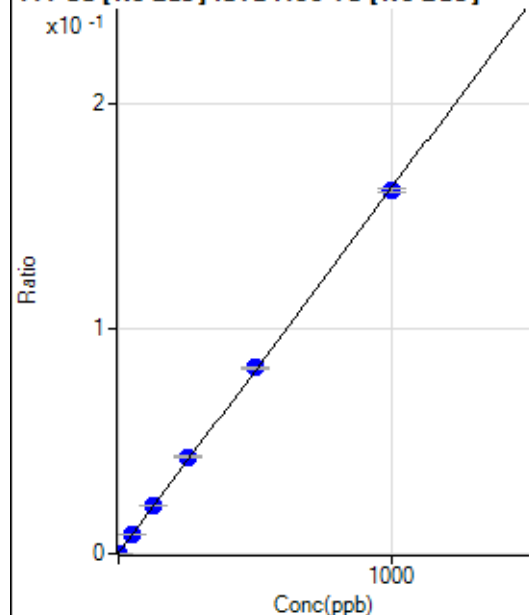
$$R = 0.9998$$

$$DL = 0.003853$$

$$BEC = 0.003421$$

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	1785.18	0.0002	P	2.4
2	☐	1.000	1.021	3184.74	0.0004	P	6.3
3	☐	50.000	52.624	72981.89	0.0087	P	0.0
4	☐	125.000	130.682	180972.08	0.0214	P	2.0
5	☐	250.000	262.668	364877.91	0.0428	P	2.0
6	☐	500.000	508.137	680201.29	0.0826	P	0.6
7	☐	1000.000	991.923	1325405.49	0.1610	P	1.2
8	☐			2550.87	0.0003	P	1.6

$$y = 1.6213\text{E-}004 * x + 2.1251\text{E-}004$$

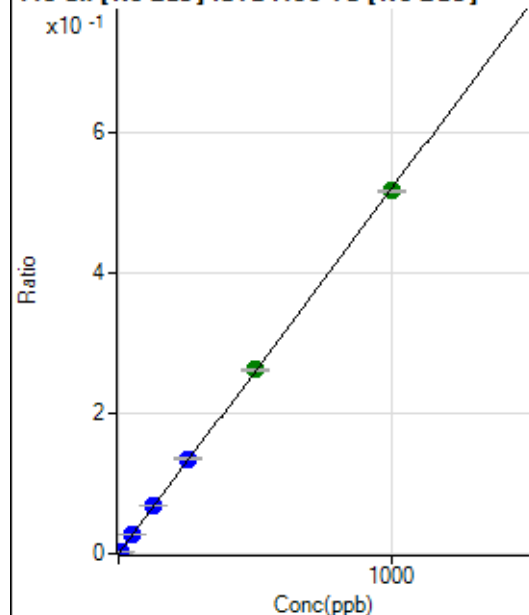
$$R = 0.9999$$

$$DL = 0.09351$$

$$BEC = 1.311$$

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	591.13	0.0001	P	9.8
2	☐	5.000	4.796	21629.41	0.0026	P	1.0
3	☐	50.000	51.792	225548.16	0.0270	P	0.9
4	☐	125.000	130.032	572949.81	0.0677	P	1.1
5	☐	250.000	260.275	1155476.03	0.1355	P	2.3
6	☐	500.000	504.288	2162056.32	0.2625	A	1.0
7	☐	1000.000	994.570	4261314.17	0.5177	A	0.5
8	☐			4296.28	0.0005	P	3.5

$$y = 5.2046\text{E-}004 * x + 7.0362\text{E-}005$$

$$R = 0.9999$$

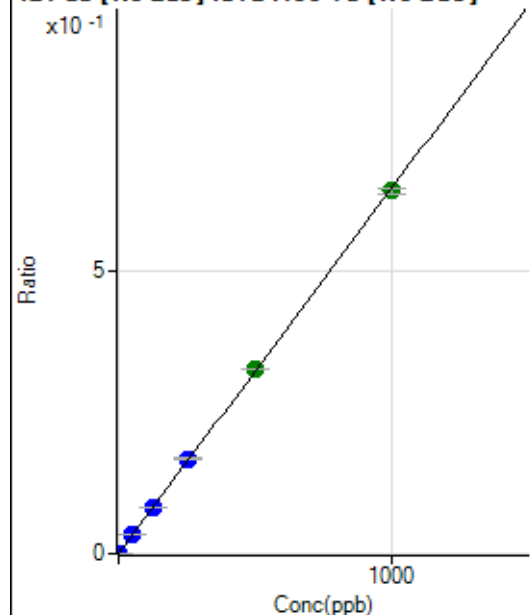
$$DL = 0.03992$$

$$BEC = 0.1352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.56	0.0000	P	72.9
2	☐	2.000	1.917	10439.64	0.0012	P	2.6
3	☐	50.000	51.182	275125.01	0.0330	P	1.3
4	☐	125.000	127.655	695295.49	0.0822	P	1.6
5	☐	250.000	260.313	1429321.14	0.1677	P	1.8
6	☐	500.000	507.238	2690296.40	0.3267	A	0.3
7	☐	1000.000	993.412	5266081.14	0.6398	A	1.9
8	☐			5659.02	0.0007	P	5.5

$$y = 6.4404\text{E-}004 * x + 4.2384\text{E-}006$$

$$R = 0.9999$$

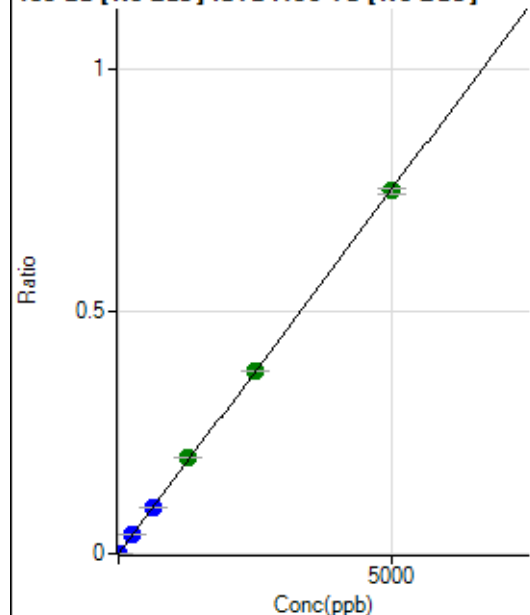
$$DL = 0.01439$$

$$BEC = 0.006581$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0000	P	7.2
2	☐	10.000	9.436	12008.76	0.0014	P	1.4
3	☐	250.000	253.624	317872.62	0.0381	P	0.9
4	☐	625.000	631.521	801924.24	0.0948	P	1.7
5	☐	1250.000	1317.160	1686125.11	0.1978	A	1.1
6	☐	2500.000	2502.760	3094688.29	0.3758	A	0.5
7	☐	5000.000	4980.835	6155130.26	0.7479	A	1.7
8	☐			3911.73	0.0005	P	3.7

$$y = 1.5015\text{E-}004 * x + 8.0669\text{E-}006$$

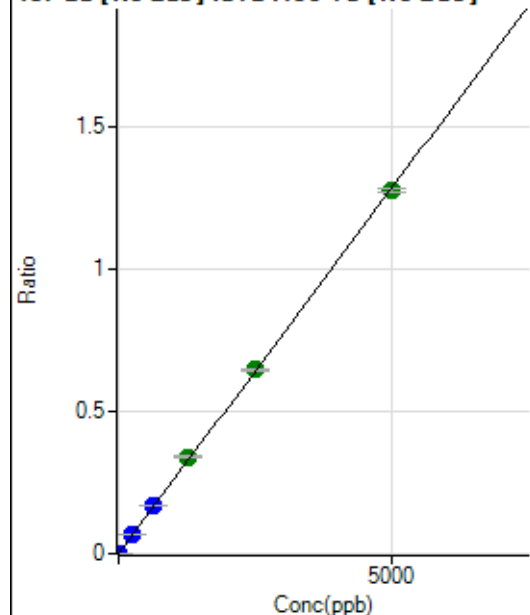
$$R = 0.9999$$

$$DL = 0.01166$$

$$BEC = 0.05373$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.45	0.0000	P	16.2
2	☐	10.000	9.631	20909.62	0.0025	P	0.8
3	☐	250.000	260.474	557766.50	0.0668	P	1.0
4	☐	625.000	650.351	1411051.61	0.1669	P	1.6
5	☐	1250.000	1322.160	2891933.12	0.3392	A	1.9
6	☐	2500.000	2521.156	5326436.21	0.6468	A	1.0
7	☐	5000.000	4967.690	10490095.47	1.2745	A	0.9
8	☐			6993.00	0.0009	P	8.9

$$y = 2.5655E-004 * x + 1.0056E-005$$

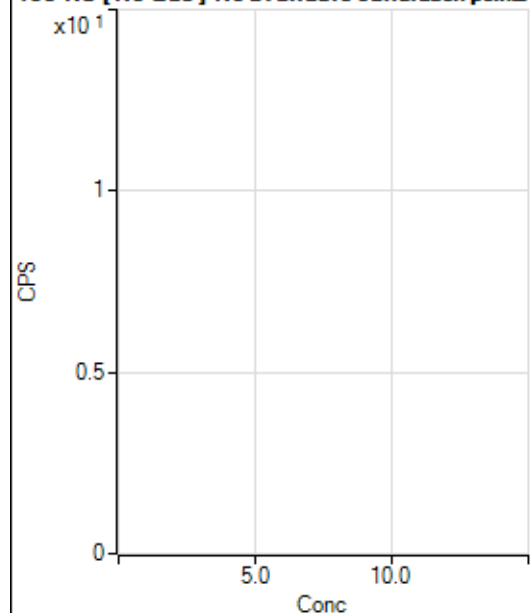
$$R = 0.9999$$

$$DL = 0.01911$$

$$BEC = 0.0392$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			15.56		P	75.3
3	☐			20.00		P	33.4
4	☐			71.11		P	16.5
5	☐			96.67		P	36.3
6	☐			146.67		P	18.2
7	☐			340.01		P	5.5
8	☐			210.00		P	11.1

150 Nd [He] No available calibration points

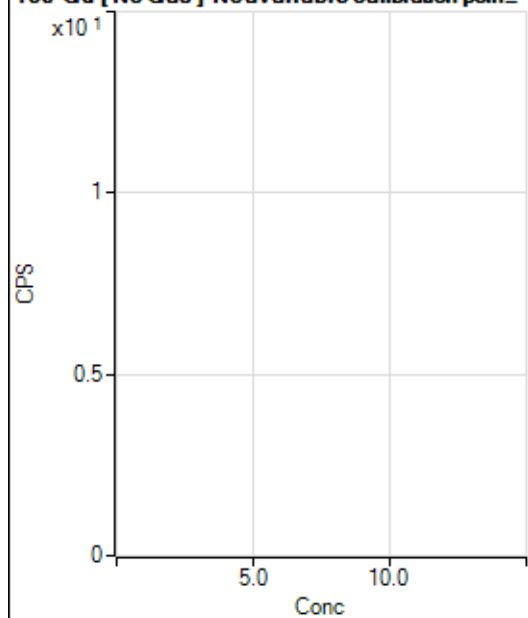
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			10.00		P	100.
5	☐			11.11		P	62.5
6	☐			21.11		P	65.7
7	☐			36.67		P	39.6
8	☐			58.89		P	17.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			3.33		P	100.
3	☐			23.33		P	37.8
4	☐			50.00		P	30.5
5	☐			112.22		P	16.4
6	☐			165.56		P	15.6
7	☐			333.34		P	2.6
8	☐			1272.30		P	4.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	173.
3	☐			11.11		P	17.3
4	☐			25.55		P	52.7
5	☐			54.44		P	9.4
6	☐			106.67		P	20.5
7	☐			140.00		P	16.7
8	☐			543.35		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	20.1
2	☐			65.56		P	2.9
3	☐			73.33		P	9.1
4	☐			94.45		P	14.3
5	☐			124.44		P	21.7
6	☐			208.89		P	9.8
7	☐			365.56		P	7.8
8	☐			1387.87		P	4.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	28.0
2	☐			117.78		P	19.9
3	☐			115.56		P	28.5
4	☐			158.89		P	21.2
5	☐			157.78		P	6.5
6	☐			154.45		P	7.6
7	☐			261.12		P	11.8
8	☐			771.14		P	2.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	21.8
2	☐			72.22		P	26.2
3	☐			88.89		P	26.6
4	☐			84.44		P	6.0
5	☐			73.33		P	27.7
6	☐			90.00		P	7.4
7	☐			127.78		P	6.6
8	☐			225.56		P	9.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	24.7
2	☐			27.78		P	30.2
3	☐			23.33		P	28.6
4	☐			25.56		P	49.4
5	☐			24.44		P	7.9
6	☐			40.00		P	16.7
7	☐			62.22		P	22.3
8	☐			101.11		P	15.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	17.6
2	☐			56.67		P	17.6
3	☐			62.22		P	16.4
4	☐			64.44		P	18.2
5	☐			63.33		P	38.0
6	☐			82.22		P	10.2
7	☐			90.00		P	19.6
8	☐			168.89		P	9.1

172 Yb [He] No available calibration points

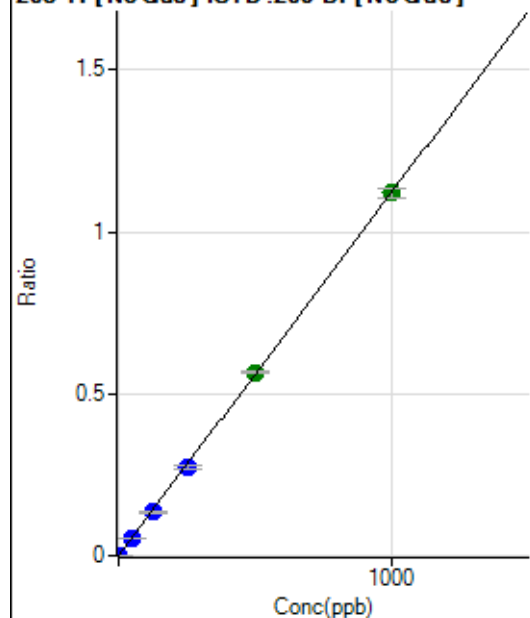
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			22.22		P	17.3
3	☐			30.00		P	40.1
4	☐			23.33		P	28.6
5	☐			33.33		P	36.1
6	☐			37.78		P	50.9
7	☐			35.55		P	19.5
8	☐			92.22		P	7.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			914.49		P	3.9
2	☐			964.49		P	10.1
3	☐			2143.53		P	7.4
4	☐			4218.49		P	2.3
5	☐			7482.20		P	3.3
6	☐			13171.10		P	1.0
7	☐			26240.56		P	1.0
8	☐			970.05		P	1.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9162.16		P	4.3
2	☐			9392.31		P	0.7
3	☐			10041.70		P	2.0
4	☐			11125.89		P	1.5
5	☐			12094.54		P	2.5
6	☐			14129.89		P	1.9
7	☐			19334.30		P	2.1
8	☐			9652.50		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	146.67	0.0000	P	4.5
2	☐	1.000	0.879	5926.98	0.0010	P	5.9
3	☐	50.000	48.249	313102.92	0.0541	P	2.0
4	☐	125.000	119.280	788856.57	0.1337	P	3.0
5	☐	250.000	244.796	1606947.60	0.2743	P	3.1
6	☐	500.000	505.494	3182657.25	0.5664	A	1.9
7	☐	1000.000	999.357	6214563.24	1.1198	A	2.4
8	☐			2855.91	0.0006	P	11.5

$$y = 0.0011 * x + 2.5087E-005$$

$$R = 1.0000$$

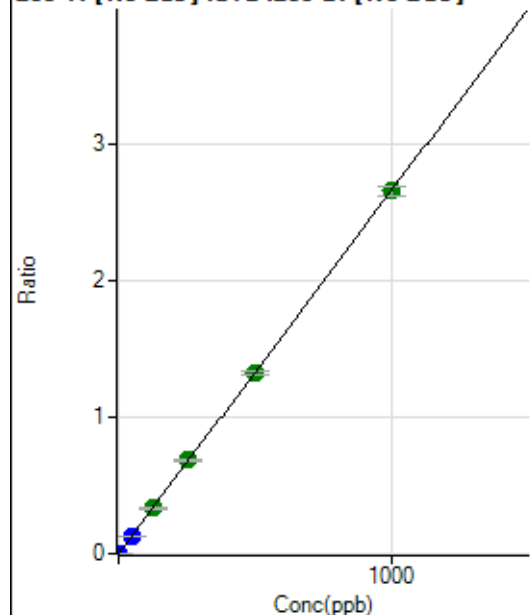
$$DL = 0.003006$$

$$BEC = 0.02239$$

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	356.67	0.0001	P	11.5
2	☐	1.000	0.887	14217.91	0.0024	P	3.3
3	☐	50.000	49.120	758029.01	0.1309	P	0.8
4	☐	125.000	124.767	1961923.95	0.3325	A	3.1
5	☐	250.000	256.876	4010112.89	0.6845	A	1.7
6	☐	500.000	498.350	7460783.99	1.3279	A	2.4
7	☐	1000.000	999.179	14773724.78	2.6623	A	2.8
8	☐			6729.63	0.0013	P	8.8

$$y = 0.0027 * x + 6.0945E-005$$

$$R = 1.0000$$

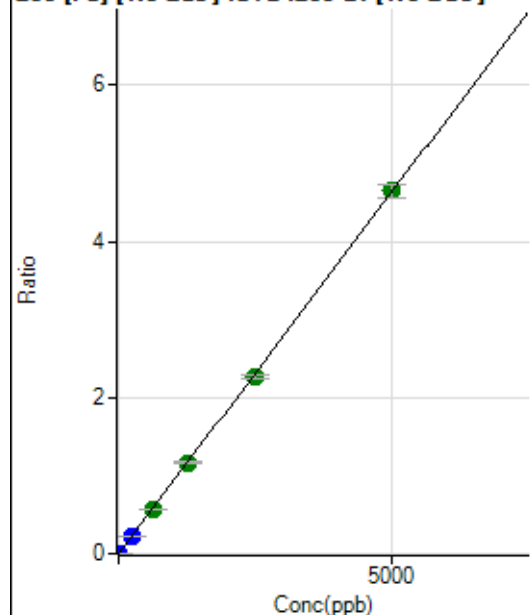
$$DL = 0.007889$$

$$BEC = 0.02287$$

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	211.12	0.0000	P	7.6
2	☐	1.000	0.901	5099.94	0.0009	P	2.0
3	☐	250.000	241.650	1294176.08	0.2236	P	2.3
4	☐	625.000	616.792	3367633.60	0.5706	A	1.9
5	☐	1250.000	1261.779	6838103.09	1.1673	A	2.6
6	☐	2500.000	2453.626	12752800.37	2.2698	A	2.5
7	☐	5000.000	5021.686	25775261.56	4.6454	A	3.6
8	☐			17208.24	0.0034	P	5.4

$$y = 9.2507E-004 * x + 3.6133E-005$$

$$R = 0.9999$$

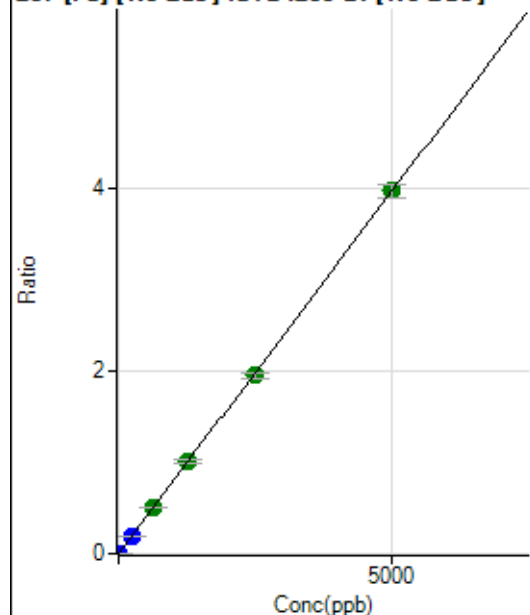
$$DL = 0.008947$$

$$BEC = 0.03906$$

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	190.01	0.0000	P	17.0
2	☐	1.000	0.920	4457.49	0.0008	P	3.1
3	☐	250.000	245.886	1125389.13	0.1944	P	2.2
4	☐	625.000	636.892	2972393.84	0.5035	A	1.2
5	☐	1250.000	1276.025	5909729.36	1.0088	A	2.5
6	☐	2500.000	2458.308	10919385.25	1.9435	A	2.2
7	☐	5000.000	5013.059	21988742.73	3.9631	A	3.5
8	☐			14715.17	0.0029	P	7.4

$$y = 7.9055\text{E-}004 * x + 3.2439\text{E-}005$$

$$R = 0.9999$$

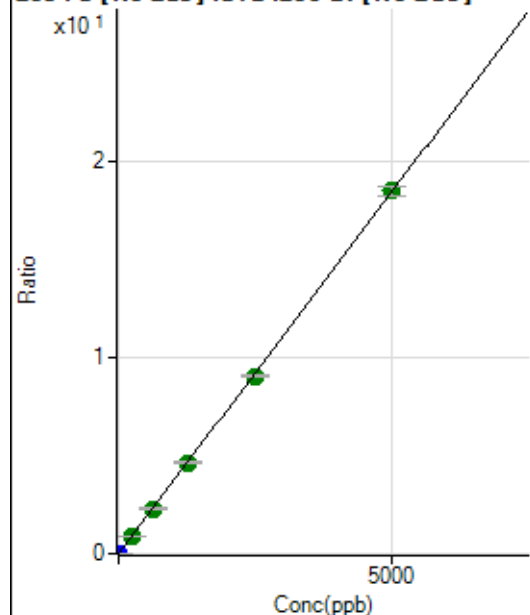
$$DL = 0.02091$$

$$BEC = 0.04103$$

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	871.14	0.0001	P	3.3
2	☐	1.000	0.904	20399.86	0.0035	P	0.6
3	☐	250.000	245.927	5241355.45	0.9054	A	1.2
4	☐	625.000	623.541	13548510.94	2.2954	A	1.3
5	☐	1250.000	1258.788	27146137.24	4.6337	A	2.0
6	☐	2500.000	2460.000	50879838.27	9.0554	A	1.9
7	☐	5000.000	5018.189	102503132.9	18.4720	A	2.9
8	☐			68347.09	0.0134	P	5.4

$$y = 0.0037 * x + 1.4902\text{E-}004$$

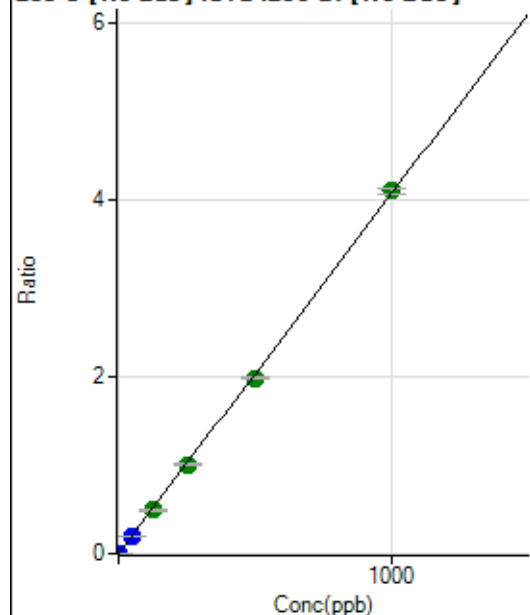
$$R = 1.0000$$

$$DL = 0.003999$$

$$BEC = 0.04048$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	38.2
2	☐	1.000	0.854	20427.64	0.0035	P	0.7
3	☐	50.000	46.896	1105131.50	0.1909	P	0.6
4	☐	125.000	120.261	2889666.20	0.4895	A	0.8
5	☐	250.000	247.513	5902007.76	1.0075	A	2.6
6	☐	500.000	487.179	11143386.22	1.9830	A	0.9
7	☐	1000.000	1007.780	22772186.88	4.1021	A	1.6
8	☐			4789.91	0.0009	P	16.7

$$y = 0.0041 * x + 8.1590E-006$$

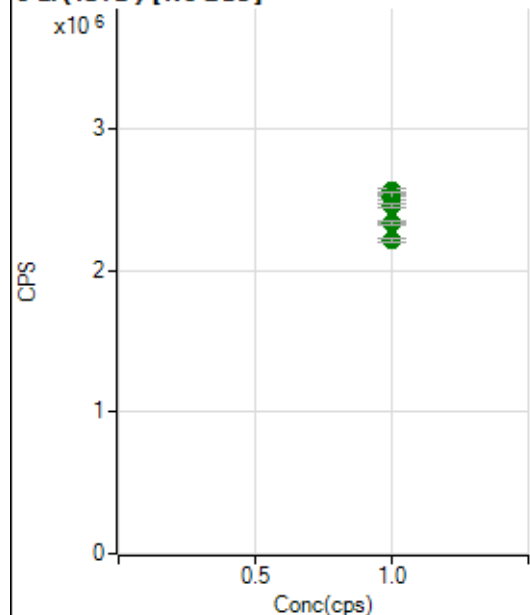
$$R = 0.9999$$

$$DL = 0.002299$$

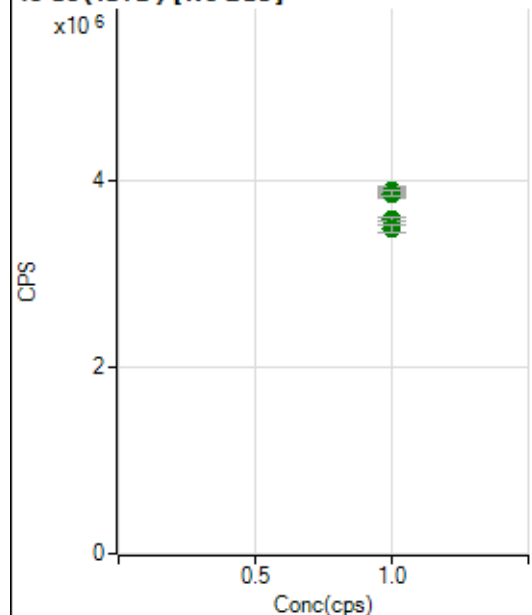
$$BEC = 0.002004$$

Weight: <None>

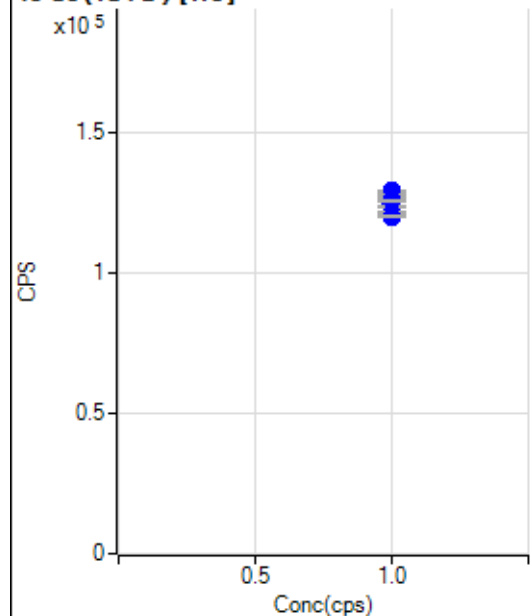
Min Conc: 0

6 Li (ISTD) [No Gas]

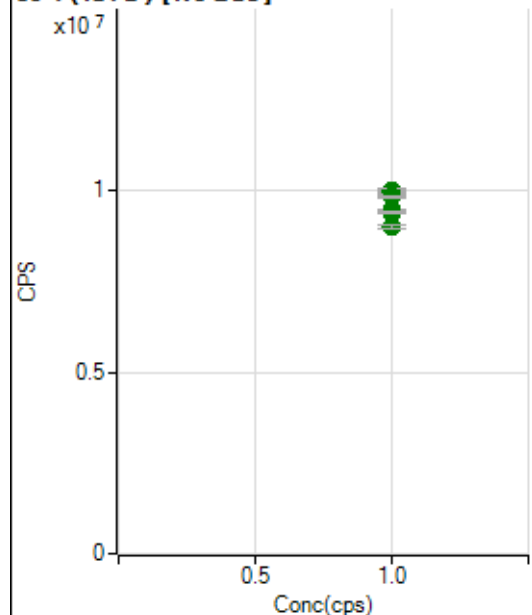
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2566435.14		A	1.6
2	☐	1.000		2556547.68		A	2.2
3	☐	1.000		2530752.70		A	2.0
4	☐	1.000		2517641.34		A	3.0
5	☐	1.000		2458921.83		A	1.2
6	☐	1.000		2344929.39		A	0.8
7	☐	1.000		2345211.10		A	1.1
8	☐	1.000		2221998.94		A	1.3

45 Sc (ISTD) [No Gas]

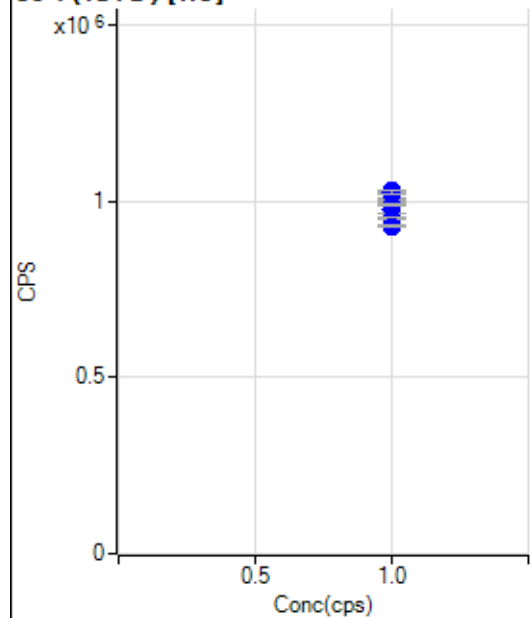
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3869084.46		A	2.1
2	☐	1.000		3862941.89		A	0.9
3	☐	1.000		3844055.81		A	1.5
4	☐	1.000		3887507.30		A	2.3
5	☐	1.000		3857416.85		A	1.6
6	☐	1.000		3587276.75		A	1.1
7	☐	1.000		3582785.64		A	1.2
8	☐	1.000		3483097.17		A	2.0

45 Sc (ISTD) [He]

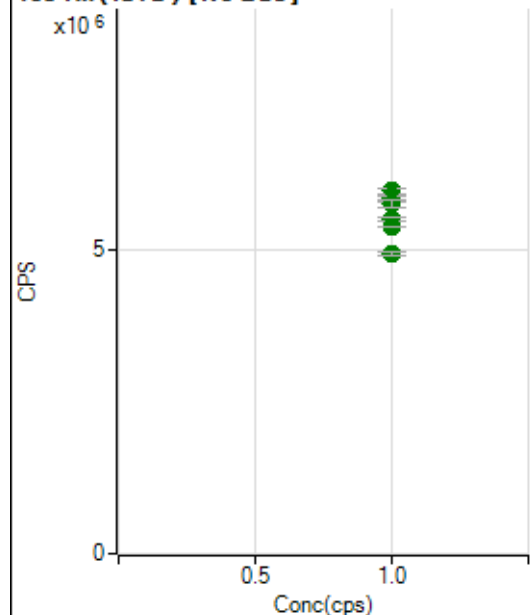
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		124873.48		P	4.6
2	☐	1.000		129134.30		P	0.4
3	☐	1.000		126774.97		P	0.5
4	☐	1.000		127862.11		P	0.6
5	☐	1.000		123707.16		P	0.8
6	☐	1.000		121483.25		P	0.6
7	☐	1.000		119915.71		P	0.6
8	☐	1.000		125626.22		P	0.7

89 Y (ISTD) [No Gas]

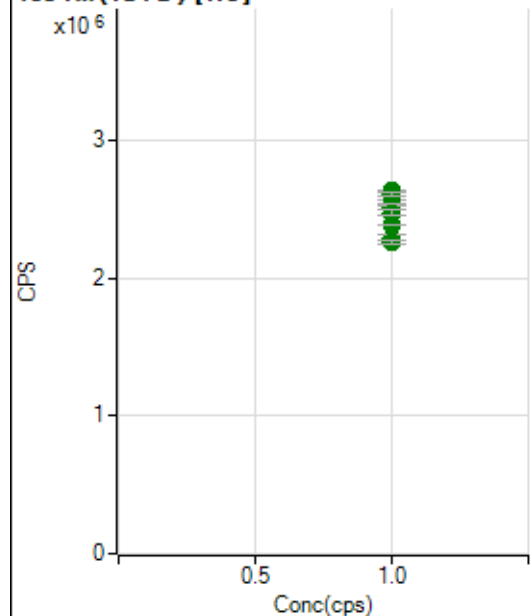
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9919957.42		A	1.1
2	☐	1.000		9826817.91		A	0.6
3	☐	1.000		9974945.34		A	1.0
4	☐	1.000		9986902.35		A	1.8
5	☐	1.000		9822607.49		A	0.4
6	☐	1.000		9475301.39		A	0.5
7	☐	1.000		9392474.23		A	0.8
8	☐	1.000		9006769.73		A	1.2

89 Y (ISTD) [He]

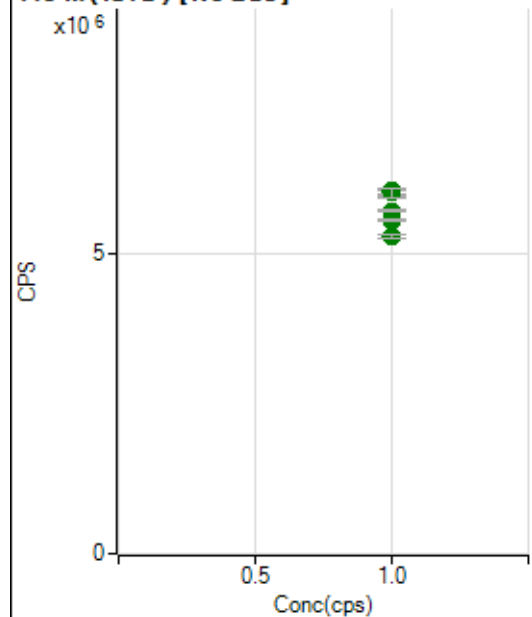
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		988284.69		P	4.7
2	☐	1.000		1029800.13		P	0.8
3	☐	1.000		1002762.60		P	0.6
4	☐	1.000		1025426.76		P	0.7
5	☐	1.000		978418.41		P	2.0
6	☐	1.000		950635.77		P	0.6
7	☐	1.000		930275.15		P	1.1
8	☐	1.000		989583.86		P	0.7

103 Rh (ISTD) [No Gas]

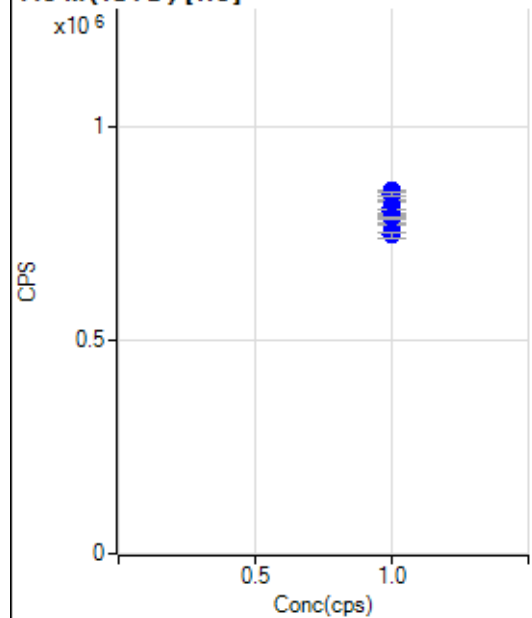
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5960113.04		A	1.3
2	☐	1.000		5828489.91		A	1.3
3	☐	1.000		5863311.79		A	1.3
4	☐	1.000		5823976.99		A	1.8
5	☐	1.000		5753916.44		A	2.5
6	☐	1.000		5498548.46		A	0.9
7	☐	1.000		5364915.09		A	0.4
8	☐	1.000		4924222.74		A	1.4

103 Rh (ISTD) [He]

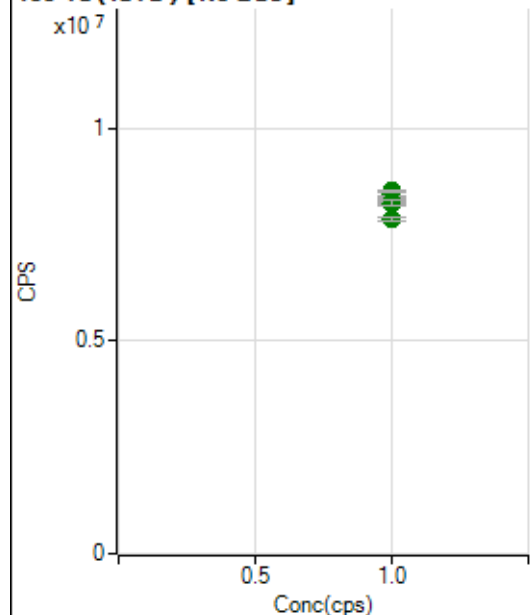
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2511535.81		A	4.3
2	☐	1.000		2637771.87		A	0.6
3	☐	1.000		2541173.92		A	0.6
4	☐	1.000		2614808.21		A	1.2
5	☐	1.000		2478760.52		A	2.0
6	☐	1.000		2389045.35		A	0.4
7	☐	1.000		2298177.15		A	1.7
8	☐	1.000		2262237.19		A	0.9

115 In (ISTD) [No Gas]

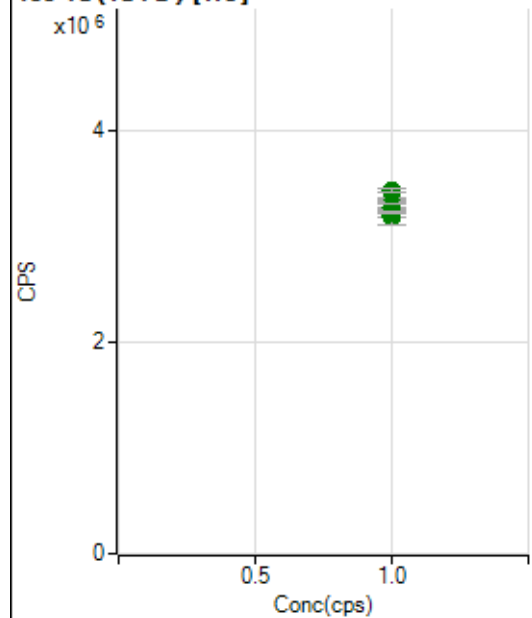
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6012302.59		A	1.4
2	☐	1.000		6000438.68		A	1.7
3	☐	1.000		6028176.76		A	1.4
4	☐	1.000		6008195.87		A	2.1
5	☐	1.000		5992949.07		A	2.9
6	☐	1.000		5698312.64		A	0.2
7	☐	1.000		5541220.93		A	0.5
8	☐	1.000		5273647.05		A	0.7

115 In (ISTD) [He]

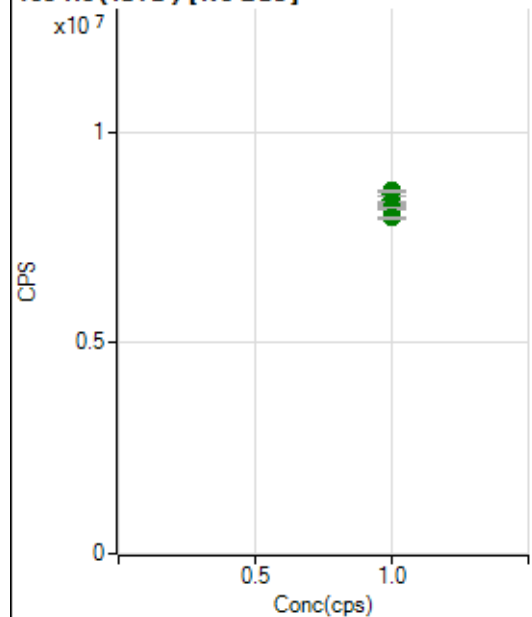
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		808913.92		P	3.7
2	☐	1.000		848965.88		P	0.5
3	☐	1.000		828456.02		P	0.1
4	☐	1.000		840362.92		P	1.2
5	☐	1.000		801721.62		P	1.5
6	☐	1.000		770007.40		P	0.5
7	☐	1.000		745087.91		P	1.6
8	☐	1.000		785413.38		P	0.3

159 Tb (ISTD) [No Gas]

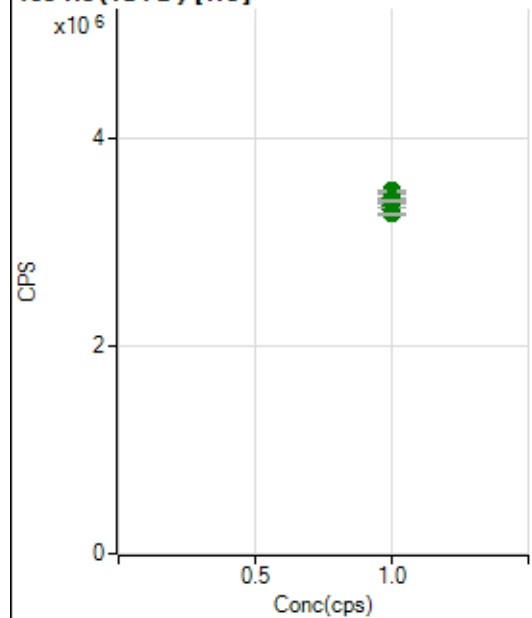
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8400741.61		A	0.3
2	☐	1.000		8429040.36		A	1.5
3	☐	1.000		8345854.60		A	0.7
4	☐	1.000		8457611.06		A	1.2
5	☐	1.000		8525716.61		A	0.5
6	☐	1.000		8235107.44		A	0.5
7	☐	1.000		8231608.00		A	1.8
8	☐	1.000		7865036.00		A	0.9

159 Tb (ISTD) [He]

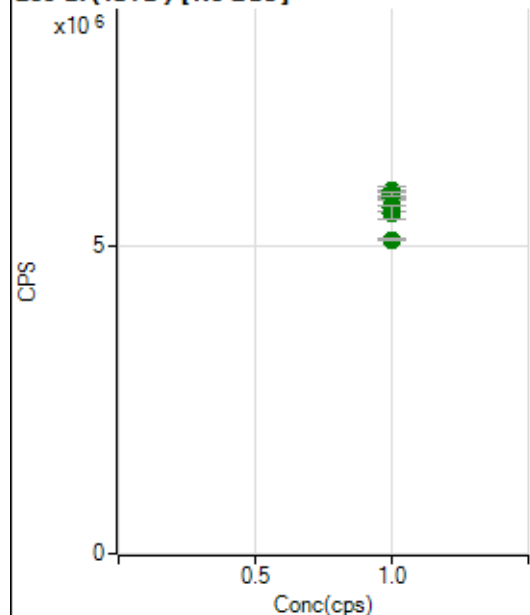
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3218267.90		A	2.2
2	☐	1.000		3345673.28		A	0.5
3	☐	1.000		3295222.03		A	1.3
4	☐	1.000		3424951.06		A	0.9
5	☐	1.000		3266930.71		A	2.1
6	☐	1.000		3193097.07		A	1.3
7	☐	1.000		3170712.17		A	3.6
8	☐	1.000		3218742.31		A	0.4

165 Ho (ISTD) [No Gas]

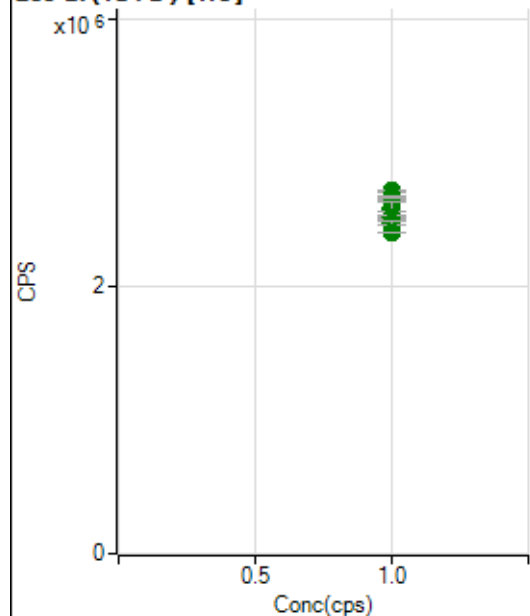
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8296848.35		A	0.4
2	☐	1.000		8401510.50		A	2.1
3	☐	1.000		8316298.14		A	0.6
4	☐	1.000		8526675.43		A	0.8
5	☐	1.000		8605178.28		A	0.6
6	☐	1.000		8215700.99		A	0.6
7	☐	1.000		8191794.18		A	0.5
8	☐	1.000		7962977.45		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3306836.62		A	3.8
2	☐	1.000		3426415.68		A	2.1
3	☐	1.000		3392101.55		A	1.9
4	☐	1.000		3486060.54		A	0.8
5	☐	1.000		3426508.00		A	2.7
6	☐	1.000		3347264.84		A	0.9
7	☐	1.000		3265287.80		A	0.5
8	☐	1.000		3391898.35		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5847988.45		A	1.8
2	☐	1.000		5865839.29		A	1.2
3	☐	1.000		5789498.11		A	1.2
4	☐	1.000		5903592.83		A	2.6
5	☐	1.000		5859181.17		A	1.0
6	☐	1.000		5619831.24		A	1.5
7	☐	1.000		5552767.18		A	3.4
8	☐	1.000		5108062.15		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2577643.84		A	4.2
2	☐	1.000		2715519.65		A	0.6
3	☐	1.000		2644538.94		A	0.3
4	☐	1.000		2674946.94		A	0.4
5	☐	1.000		2596981.89		A	2.8
6	☐	1.000		2521218.45		A	1.2
7	☐	1.000		2477962.11		A	1.5
8	☐	1.000		2399556.21		A	0.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8010524MS.b

Acq. Date-Time 2024-01-05 09:45:12

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		9454	94535.03			1.139	5.000
24		65464	654639.11			1.291	5.000
25		8730	87299.25			0.936	5.000
26		10090	100904.96			1.186	5.000
59		62815	628150.85			0.747	5.000
113		7470	74697.88			0.756	5.000
115		93769	937694.64			1.674	5.000
206		26841	268407.43			0.901	5.000
207		23892	238917.43			0.785	5.000
208		58589	585893.72			0.827	5.000
220		0	1.80			66.898	

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

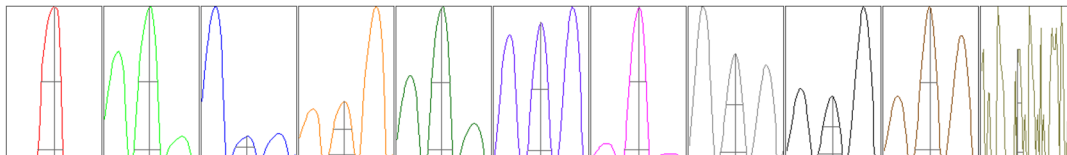
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9580	9538	9451	9322	9377
24	66353	66001	65254	65561	64151
25	8842	8782	8699	8692	8635
26	10191	10229	10056	9933	10043
59	62936	63549	62767	62402	62421
113	7506	7495	7506	7372	7470
115	94947	94740	94494	91134	93533
206	26909	26610	26983	26572	27130
207	23866	23851	24090	23613	24038
208	58167	58629	59050	58028	59072

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	16095.61	9.05	8.90 - 9.10	
24	114698.65	23.95	23.90 - 24.10	
25	15409.75	24.95	24.90 - 25.10	
26	17844.94	25.95	25.90 - 26.10	
59	114367.60	58.95	58.90 - 59.10	
113	15213.70	113.00	112.90 - 113.10	
115	185737.75	115.05	114.90 - 115.10	
206	52553.33	206.00	205.90 - 206.10	
207	46333.37	207.00	206.90 - 207.10	
208	114006.45	208.00	207.90 - 208.10	
220	0.25	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.777	0.900	
24	0.61	0.826	0.900	
25	0.59	0.773	0.900	
26	0.59	0.820	0.900	
59	0.57	0.779	0.900	
113	0.51	0.750	0.900	
115	0.52	0.767	0.900	
206	0.52	0.814	0.900	
207	0.53	0.771	0.900	
208	0.53	0.786	0.900	
220	0.13	0.193		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.85 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	14.4 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 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	124	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	1.5 mm	Torch V	-1.1 mm
---------	--------	---------	---------

EM

Discriminator	4.4 mV	Analog HV	2305 V	Pulse HV	1656 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14213	142127.36			0.646	
89		9901	99005.58			0.871	
205		18435	184350.33			0.662	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	14319	14247	14111	14265	14122
89	10031	9864	9794	9908	9905
205	18535	18401	18288	18367	18584

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.85 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	3.6 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 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	124	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	1.5 mm	Torch V	-1.1 mm		
EM					
Discriminator	4.4 mV	Analog HV	2305 V	Pulse HV	1656 V

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	-0.42	0.10	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.54	0.31	0.22	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	-1.91	-0.74	2.64	0.00	N/A	ppb
Calcium	44-1	-2.46	-0.33	2.79	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.02	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.86	-0.11	-0.75	0.00	N/A	ppb
Iron	56-2	0.51	-0.20	-0.31	0.00	N/A	ppb
Iron	57-2	0.26	0.24	-0.49	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.15	-0.04	-0.11	0.00	N/A	ppb
Manganese	55-2	0.05	-0.03	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-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	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	2.23	-9.70	-21.28	-9.58		ppb
Potassium	39-2	3.77	2.15	-5.92	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.06	-0.02	0.08	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	-0.84	0.57	0.00	N/A	ppb
Silicon	28-1	-1.45	0.24	1.21	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.34	0.14	-1.48	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-169.76	-104.05	316.61	14.27	1849.45	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	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.00	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	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	0.03	-0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	15.90	17.25	16.98	5.75	ppb
Antimony	121-1	1.96	1.93	1.86	1.92	2.63	ppb
Arsenic	75-2	1.35	1.00	1.13	1.16	15.43	ppb
Barium	135-1	9.41	9.58	9.32	9.44	1.36	ppb
Barium	137-1	9.54	9.71	9.64	9.63	0.85	ppb
Beryllium	9-1	0.98	0.95	0.97	0.97	1.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	1.09	1.03	0.97	1.03	5.89	ppb
Cadmium	106-1	1.99	1.14	-0.49	0.88	142.89	ppb
Cadmium	111-1	1.07	1.14	0.85	1.02	14.49	ppb
Calcium	43-1	482.90	486.34	458.35	475.86	3.21	ppb
Calcium	44-1	469.80	477.27	473.30	473.46	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.80	1.75	1.83	5.59	ppb
Cobalt	59-2	1.04	1.08	1.02	1.05	3.11	ppb
Copper	63-2	1.94	1.88	1.98	1.93	2.44	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	49.31	50.95	50.54	50.27	1.70	ppb
Iron	56-2	49.92	49.60	49.13	49.55	0.80	ppb
Iron	57-2	48.02	47.71	52.71	49.48	5.66	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.88	0.90	0.90	2.08	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.94	0.93	0.92	3.22	ppb
Lead	208-1	0.90	0.91	0.90	0.90	0.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	480.68	483.99	503.98	489.55	2.57	ppb
Manganese	55-2	1.00	0.93	1.01	0.98	4.48	ppb
Molybdenum	94-1	5.65	5.45	5.48	5.52	1.94	ppb
Molybdenum	95-1	4.56	4.45	4.64	4.55	2.16	ppb
Molybdenum	96-1	4.58	4.62	4.61	4.60	0.35	ppb
Molybdenum	97-1	4.66	4.59	4.52	4.59	1.61	ppb
Molybdenum	98-1	4.58	4.66	4.56	4.60	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.05	1.05	1.04	0.40	ppb
Phosphorus	31-2	5.97	0.93	21.85	9.58	113.96	ppb
Potassium	39-2	462.84	460.36	463.85	462.35	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	5.19	3.35	4.09	4.21	21.94	ppb
Selenium	77-2	4.94	3.74	2.51	3.73	32.51	ppb
Selenium	78-2	5.23	3.12	3.87	4.07	26.20	ppb
Silicon	28-1	7.17	7.22	6.09	6.83	9.40	ppb
Silver	107-1	0.91	0.98	0.93	0.94	3.90	ppb
Silver	109-1	0.96	0.95	0.94	0.95	1.10	ppb
Sodium	23-2	481.26	480.87	478.33	480.15	0.33	ppb
Strontium	86-1	0.97	0.93	1.00	0.97	3.33	ppb
Strontium	88-1	0.94	0.95	0.92	0.94	2.06	ppb
Sulfur	34-1	99.85	51.99	-194.64	-14.27		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.84	0.85	0.88	6.06	ppb
Thallium	205-1	0.92	0.88	0.86	0.89	3.39	ppb
Tin	118-1	4.75	4.85	4.79	4.80	1.07	ppb
Titanium	47-1	4.67	4.71	4.50	4.63	2.35	ppb
Uranium	238-1	0.85	0.85	0.86	0.85	0.65	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.67	4.62	4.90	4.73	3.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	4.83	5.06	4.44	4.78	6.62	ppb
Zirconium	90-1	0.92	0.93	0.91	0.92	1.20	ppb
Zirconium	91-1	0.93	0.88	0.88	0.90	2.74	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1024.27	1032.08	1001.99	1019.45	1.53	ppb
Antimony	121-1	51.14	51.88	50.53	51.18	1.33	ppb
Arsenic	75-2	50.34	51.42	51.09	50.95	1.09	ppb
Barium	135-1	252.60	256.22	252.05	253.62	0.89	ppb
Barium	137-1	259.72	263.32	258.39	260.47	0.98	ppb
Beryllium	9-1	50.16	51.47	52.16	51.26	1.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	53.40	54.32	54.01	53.91	0.87	ppb
Cadmium	106-1	52.45	53.62	51.84	52.64	1.72	ppb
Cadmium	111-1	52.64	52.60	52.63	52.62	0.03	ppb
Calcium	43-1	5933.15	6082.10	5963.23	5992.83	1.31	ppb
Calcium	44-1	5690.68	5767.14	5641.44	5699.75	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.88	50.23	49.87	49.99	0.40	ppb
Cobalt	59-2	50.71	51.46	51.40	51.19	0.81	ppb
Copper	63-2	525.94	538.07	530.38	531.46	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	2687.82	2762.36	2729.12	2726.44	1.37	ppb
Iron	56-2	2729.41	2747.01	2770.25	2748.89	0.75	ppb
Iron	57-2	2643.86	2671.13	2682.51	2665.83	0.75	ppb
Krypton	83-1						cps
Lead	206-1	245.40	244.41	235.14	241.65	2.34	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	247.20	250.58	239.87	245.89	2.23	ppb
Lead	208-1	246.18	248.80	242.81	245.93	1.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	5361.60	5380.56	5306.51	5349.56	0.72	ppb
Manganese	55-2	505.08	509.87	510.65	508.53	0.59	ppb
Molybdenum	94-1	487.38	498.27	504.72	496.79	1.76	ppb
Molybdenum	95-1	477.24	497.79	491.47	488.83	2.15	ppb
Molybdenum	96-1	492.19	502.80	498.81	497.94	1.08	ppb
Molybdenum	97-1	482.75	496.42	505.67	494.95	2.33	ppb
Molybdenum	98-1	482.27	499.42	502.99	494.89	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.24	54.19	54.91	54.12	1.55	ppb
Phosphorus	31-2	975.48	1008.39	971.44	985.10	2.06	ppb
Potassium	39-2	2472.67	2522.55	2527.60	2507.61	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	50.28	51.80	52.89	51.66	2.54	ppb
Selenium	77-2	57.16	53.96	61.60	57.57	6.67	ppb
Selenium	78-2	49.73	49.57	58.47	52.59	9.69	ppb
Silicon	28-1	63.35	66.99	68.98	66.44	4.30	ppb
Silver	107-1	50.69	52.21	51.49	51.46	1.48	ppb
Silver	109-1	53.10	52.96	51.74	52.60	1.43	ppb
Sodium	23-2	5117.55	5285.59	5159.38	5187.51	1.69	ppb
Strontium	86-1	1242.68	1266.30	1261.38	1256.79	0.99	ppb
Strontium	88-1	1244.51	1221.49	1245.73	1237.24	1.10	ppb
Sulfur	34-1	848.58	1025.37	1090.51	988.15	12.67	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	48.24	49.23	47.28	48.25	2.02	ppb
Thallium	205-1	49.31	49.36	48.69	49.12	0.75	ppb
Tin	118-1	52.09	52.03	51.26	51.79	0.90	ppb
Titanium	47-1	498.95	501.06	507.59	502.53	0.90	ppb
Uranium	238-1	47.03	47.07	46.59	46.90	0.56	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.05	50.18	50.50	50.24	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	523.58	539.48	526.51	529.86	1.60	ppb
Zirconium	90-1	48.30	48.64	49.45	48.80	1.21	ppb
Zirconium	91-1	47.27	48.53	47.45	47.75	1.43	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2770.28	2753.41	2750.31	2758.00	0.39	ppb
Antimony	121-1	125.37	129.25	128.34	127.65	1.59	ppb
Arsenic	75-2	124.76	124.06	127.98	125.60	1.66	ppb
Barium	135-1	619.75	640.04	634.78	631.52	1.67	ppb
Barium	137-1	638.28	656.86	655.91	650.35	1.61	ppb
Beryllium	9-1	127.83	133.03	129.08	129.98	2.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	131.13	132.48	130.30	131.30	0.84	ppb
Cadmium	106-1	125.66	132.79	131.56	130.00	2.93	ppb
Cadmium	111-1	127.68	132.21	132.16	130.68	1.99	ppb
Calcium	43-1	14531.28	15060.71	15040.77	14877.58	2.02	ppb
Calcium	44-1	13935.91	14294.03	14457.09	14229.01	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.31	126.72	126.64	126.89	0.29	ppb
Cobalt	59-2	129.32	129.10	128.43	128.95	0.36	ppb
Copper	63-2	1351.95	1380.05	1359.85	1363.95	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	6820.88	6872.16	6883.06	6858.70	0.48	ppb
Iron	56-2	6908.19	6838.51	6729.39	6825.36	1.32	ppb
Iron	57-2	6735.58	6794.34	6641.78	6723.90	1.14	ppb
Krypton	83-1						cps
Lead	206-1	603.85	620.94	625.59	616.79	1.86	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	632.90	631.85	645.93	636.89	1.23	ppb
Lead	208-1	615.28	624.22	631.13	623.54	1.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	13666.33	13779.97	13351.55	13599.28	1.63	ppb
Manganese	55-2	1289.63	1285.01	1275.64	1283.43	0.56	ppb
Molybdenum	94-1	1256.71	1257.75	1260.02	1258.16	0.13	ppb
Molybdenum	95-1	1229.72	1244.34	1274.72	1249.60	1.84	ppb
Molybdenum	96-1	1216.79	1267.30	1270.87	1251.65	2.42	ppb
Molybdenum	97-1	1237.99	1287.10	1266.40	1263.83	1.95	ppb
Molybdenum	98-1	1217.11	1254.29	1248.15	1239.85	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.50	135.12	133.71	134.45	0.52	ppb
Phosphorus	31-2	2597.91	2506.11	2496.02	2533.35	2.22	ppb
Potassium	39-2	6350.15	6335.76	6286.27	6324.06	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	121.68	127.47	130.28	126.47	3.47	ppb
Selenium	77-2	121.76	123.83	136.13	127.24	6.10	ppb
Selenium	78-2	112.20	131.14	142.79	128.71	12.00	ppb
Silicon	28-1	159.97	183.78	181.99	175.25	7.57	ppb
Silver	107-1	127.71	129.95	129.86	129.17	0.98	ppb
Silver	109-1	129.57	131.04	131.45	130.69	0.76	ppb
Sodium	23-2	13205.11	13468.10	12971.10	13214.77	1.88	ppb
Strontium	86-1	3132.83	3179.88	3190.44	3167.72	0.97	ppb
Strontium	88-1	3097.15	3148.50	3203.10	3149.58	1.68	ppb
Sulfur	34-1	1945.60	2435.17	2250.10	2210.29	11.18	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	115.74	119.19	122.91	119.28	3.00	ppb
Thallium	205-1	120.36	126.11	127.84	124.77	3.14	ppb
Tin	118-1	128.55	130.06	131.49	130.03	1.13	ppb
Titanium	47-1	1218.29	1263.23	1276.02	1252.51	2.42	ppb
Uranium	238-1	119.45	120.02	121.32	120.26	0.79	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	128.45	128.45	125.98	127.63	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1334.71	1319.47	1308.83	1321.00	0.98	ppb
Zirconium	90-1	120.18	123.05	124.87	122.70	1.93	ppb
Zirconium	91-1	119.89	121.38	122.59	121.29	1.12	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4980.44	4944.19	4931.49	4952.04	0.51	ppb
Antimony	121-1	254.97	261.83	264.13	260.31	1.83	ppb
Arsenic	75-2	252.69	260.04	259.55	257.43	1.60	ppb
Barium	135-1	1308.30	1310.03	1333.14	1317.16	1.05	ppb
Barium	137-1	1294.73	1345.58	1326.17	1322.16	1.94	ppb
Beryllium	9-1	266.15	263.75	264.90	264.93	0.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	255.70	270.81	269.48	265.33	3.15	ppb
Cadmium	106-1	259.40	258.40	266.22	261.34	1.63	ppb
Cadmium	111-1	256.83	263.85	267.32	262.67	2.03	ppb
Calcium	43-1	29935.14	30859.14	30366.22	30386.84	1.52	ppb
Calcium	44-1	27840.74	28636.81	28861.06	28446.21	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262.32	259.48	257.24	259.68	0.98	ppb
Cobalt	59-2	264.36	258.96	262.44	261.92	1.05	ppb
Copper	63-2	2682.43	2684.71	2702.43	2689.86	0.41	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				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	13990.02	13778.69	13935.86	13901.52	0.79	ppb
Iron	56-2	13966.99	13557.74	13652.80	13725.85	1.56	ppb
Iron	57-2	13654.05	13256.21	13541.09	13483.78	1.52	ppb
Krypton	83-1						cps
Lead	206-1	1224.20	1273.01	1288.13	1261.78	2.65	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1238.80	1291.42	1297.85	1276.03	2.54	ppb
Lead	208-1	1229.38	1273.68	1273.31	1258.79	2.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	27487.24	27338.42	27700.33	27508.66	0.66	ppb
Manganese	55-2	2747.40	2603.28	2683.25	2677.98	2.70	ppb
Molybdenum	94-1	2629.77	2608.71	2545.76	2594.75	1.68	ppb
Molybdenum	95-1	2565.59	2566.87	2468.52	2533.66	2.23	ppb
Molybdenum	96-1	2569.72	2626.38	2485.40	2560.50	2.77	ppb
Molybdenum	97-1	2568.87	2628.22	2543.19	2580.10	1.69	ppb
Molybdenum	98-1	2523.34	2602.94	2532.17	2552.82	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.62	265.68	271.13	269.14	1.12	ppb
Phosphorus	31-2	5310.68	5175.67	5339.26	5275.20	1.66	ppb
Potassium	39-2	13035.64	12840.91	12991.00	12955.85	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	256.87	263.59	257.98	259.48	1.39	ppb
Selenium	77-2	271.76	287.90	274.49	278.05	3.11	ppb
Selenium	78-2	267.87	262.95	280.04	270.29	3.26	ppb
Silicon	28-1	242.65	269.60	263.55	258.60	5.47	ppb
Silver	107-1	262.44	258.80	272.05	264.43	2.59	ppb
Silver	109-1	259.90	266.80	268.16	264.95	1.67	ppb
Sodium	23-2	27354.65	26405.37	27226.52	26995.51	1.91	ppb
Strontium	86-1	6538.21	6623.09	6362.42	6507.90	2.04	ppb
Strontium	88-1	6524.49	6474.78	6452.19	6483.82	0.57	ppb
Sulfur	34-1	4346.24	4870.38	4632.11	4616.24	5.68	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	236.27	251.16	246.96	244.80	3.14	ppb
Thallium	205-1	251.74	259.68	259.21	256.88	1.74	ppb
Tin	118-1	253.57	265.31	261.94	260.28	2.32	ppb
Titanium	47-1	2510.76	2583.91	2589.87	2561.51	1.72	ppb
Uranium	238-1	240.47	253.01	249.06	247.51	2.59	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	263.22	257.00	258.66	259.63	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2698.41	2625.83	2623.78	2649.34	1.60	ppb
Zirconium	90-1	254.43	262.85	254.50	257.26	1.88	ppb
Zirconium	91-1	248.52	254.33	250.78	251.21	1.16	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9928.46	10123.82	9985.51	10012.59	1.00	ppb
Antimony	121-1	506.14	506.87	508.70	507.24	0.26	ppb
Arsenic	75-2	509.41	501.72	492.28	501.13	1.71	ppb
Barium	135-1	2507.47	2513.48	2487.33	2502.76	0.55	ppb
Barium	137-1	2495.54	2519.77	2548.16	2521.16	1.04	ppb
Beryllium	9-1	513.40	506.70	517.25	512.45	1.04	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	495.35	508.42	507.63	503.80	1.45	ppb
Cadmium	106-1	497.91	513.39	506.39	505.90	1.53	ppb
Cadmium	111-1	505.23	507.84	511.34	508.14	0.60	ppb
Calcium	43-1	59423.45	59895.47	61470.90	60263.27	1.78	ppb
Calcium	44-1	56429.03	55232.88	57242.35	56301.42	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.60	491.71	494.03	490.78	0.77	ppb
Cobalt	59-2	495.33	498.73	498.56	497.54	0.39	ppb
Copper	63-2	5086.56	5065.74	5117.32	5089.87	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	27152.87	26936.94	26582.45	26890.75	1.07	ppb
Iron	56-2	25722.62	26146.52	25500.03	25789.73	1.27	ppb
Iron	57-2	25662.22	25665.44	25689.45	25672.37	0.06	ppb
Krypton	83-1						cps
Lead	206-1	2383.18	2485.02	2492.68	2453.63	2.49	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2399.56	2468.33	2507.03	2458.31	2.21	ppb
Lead	208-1	2412.13	2462.68	2505.18	2460.00	1.89	ppb
Lithium	6-1				91		%
Magnesium	24-2	51084.98	52086.50	51726.33	51632.60	0.98	ppb
Manganese	55-2	5090.58	5013.53	4921.88	5008.66	1.69	ppb
Molybdenum	94-1	4977.12	5037.87	4914.60	4976.53	1.24	ppb
Molybdenum	95-1	4964.50	4950.49	4867.75	4927.58	1.06	ppb
Molybdenum	96-1	4902.34	4995.73	4892.15	4930.07	1.16	ppb
Molybdenum	97-1	4893.93	4957.37	5024.51	4958.60	1.32	ppb
Molybdenum	98-1	4967.67	4993.48	4983.32	4981.49	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.49	510.68	512.17	508.78	0.91	ppb
Phosphorus	31-2	10147.64	9899.94	9907.25	9984.95	1.41	ppb
Potassium	39-2	24905.34	24923.45	25284.50	25037.77	0.85	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	495.18	505.00	502.05	500.74	1.01	ppb
Selenium	77-2	502.87	507.98	537.05	515.97	3.57	ppb
Selenium	78-2	488.00	483.76	494.19	488.65	1.07	ppb
Silicon	28-1	497.05	492.09	539.33	509.49	5.09	ppb
Silver	107-1	507.30	516.82	512.53	512.22	0.93	ppb
Silver	109-1	508.07	513.38	504.17	508.54	0.91	ppb
Sodium	23-2	51084.06	51766.84	51938.05	51596.32	0.88	ppb
Strontium	86-1	12282.12	12453.75	12683.83	12473.23	1.62	ppb
Strontium	88-1	12324.13	12350.25	12523.11	12399.16	0.87	ppb
Sulfur	34-1	10057.77	10017.75	10422.70	10166.08	2.19	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	495.73	506.30	514.45	505.49	1.86	ppb
Thallium	205-1	487.21	496.55	511.29	498.35	2.44	ppb
Tin	118-1	509.00	499.40	504.46	504.29	0.95	ppb
Titanium	47-1	4997.98	4938.69	5109.19	5015.29	1.73	ppb
Uranium	238-1	482.22	490.59	488.73	487.18	0.90	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.64	502.34	499.63	500.20	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	4967.49	4973.82	5040.74	4994.02	0.81	ppb
Zirconium	90-1	489.16	504.44	499.79	497.80	1.57	ppb
Zirconium	91-1	481.12	485.18	487.97	484.76	0.71	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20755.00	20459.25	20473.60	20562.61	0.81	ppb
Antimony	121-1	975.99	990.08	1014.16	993.41	1.94	ppb
Arsenic	75-2	996.09	1011.69	984.58	997.45	1.36	ppb
Barium	135-1	4883.96	5014.58	5043.96	4980.83	1.71	ppb
Barium	137-1	4917.94	4981.58	5003.55	4967.69	0.90	ppb
Beryllium	9-1	988.25	986.64	993.19	989.36	0.34	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	976.77	1002.26	1000.81	993.28	1.44	ppb
Cadmium	106-1	972.37	1002.12	1005.87	993.46	1.85	ppb
Cadmium	111-1	979.00	1002.92	993.84	991.92	1.22	ppb
Calcium	43-1	118548.20	120861.01	124747.87	121385.69	2.58	ppb
Calcium	44-1	109207.68	110897.03	111536.87	110547.20	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011.99	990.25	1003.62	1001.95	1.09	ppb
Cobalt	59-2	1012.00	996.34	984.74	997.70	1.37	ppb
Copper	63-2	9929.34	9901.54	9844.47	9891.78	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	53235.63	52694.88	53032.88	52987.80	0.52	ppb
Iron	56-2	52633.55	52730.24	51398.38	52254.06	1.42	ppb
Iron	57-2	52810.35	53038.11	52618.24	52822.24	0.40	ppb
Krypton	83-1						cps
Lead	206-1	4885.32	5225.94	4953.79	5021.69	3.59	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4820.29	5165.18	5053.70	5013.06	3.51	ppb
Lead	208-1	4861.84	5148.67	5044.05	5018.19	2.89	ppb
Lithium	6-1				91		%
Magnesium	24-2	105896.70	104506.97	104076.63	104826.77	0.91	ppb
Manganese	55-2	9983.44	10037.54	9818.73	9946.57	1.15	ppb
Molybdenum	94-1	9815.79	9983.42	10162.36	9987.19	1.74	ppb
Molybdenum	95-1	10001.98	10045.30	10037.93	10028.40	0.23	ppb
Molybdenum	96-1	10223.07	9880.52	9955.62	10019.74	1.80	ppb
Molybdenum	97-1	9791.59	10073.70	10132.30	9999.20	1.82	ppb
Molybdenum	98-1	9900.55	10081.93	10010.24	9997.57	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.89	992.35	990.08	989.44	0.33	ppb
Phosphorus	31-2	19833.52	19625.20	20347.18	19935.30	1.86	ppb
Potassium	39-2	49451.94	49120.14	48996.54	49189.54	0.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	997.65	1001.69	991.64	996.99	0.51	ppb
Selenium	77-2	972.74	992.10	988.21	984.35	1.04	ppb
Selenium	78-2	1003.46	976.29	1020.30	1000.01	2.22	ppb
Silicon	28-1	967.39	988.92	1001.79	986.03	1.76	ppb
Silver	107-1	984.40	1006.80	977.87	989.69	1.53	ppb
Silver	109-1	973.55	1006.12	993.78	991.15	1.66	ppb
Sodium	23-2	103971.15	103150.39	103805.48	103642.34	0.42	ppb
Strontium	86-1	24651.85	24675.72	25455.74	24927.77	1.83	ppb
Strontium	88-1	25226.48	24748.16	24946.11	24973.58	0.96	ppb
Sulfur	34-1	19679.68	20228.03	20241.41	20049.71	1.60	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	975.39	1024.17	998.52	999.36	2.44	ppb
Thallium	205-1	971.55	1028.21	997.77	999.18	2.84	ppb
Tin	118-1	990.34	1000.43	992.94	994.57	0.53	ppb
Titanium	47-1	9910.49	9952.53	10066.59	9976.54	0.81	ppb
Uranium	238-1	1002.57	1025.45	995.32	1007.78	1.56	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1005.95	1002.89	982.61	997.15	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	9926.48	10045.90	9893.48	9955.29	0.81	ppb
Zirconium	90-1	997.36	990.53	1011.01	999.63	1.04	ppb
Zirconium	91-1	997.42	1009.07	1017.20	1007.90	0.99	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100823.95	97617.71	101204.25	99881.97	1.97	ppb
Antimony	121-1	1.04	1.12	1.17	1.11	5.52	ppb
Arsenic	75-2	0.61	0.76	0.65	0.67	11.98	ppb
Barium	135-1	3.40	3.18	3.20	3.26	3.73	ppb
Barium	137-1	3.78	3.28	3.22	3.43	8.98	ppb
Beryllium	9-1	0.30	0.20	0.19	0.23	26.20	ppb
Bismuth	209-1				87		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	1.29	1.21	0.92	1.14	17.33	ppb
Cadmium	106-1	-0.48	-0.05	0.09	-0.15		ppb
Cadmium	111-1	0.68	0.66	0.73	0.69	4.78	ppb
Calcium	43-1	495299.93	485905.09	501868.52	494357.85	1.62	ppb
Calcium	44-1	496496.78	482496.49	512120.46	497037.91	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.01	5.92	6.34	6.09	3.70	ppb
Cobalt	59-2	2.63	2.52	2.94	2.70	7.98	ppb
Copper	63-2	3.42	3.34	6.46	4.41	40.37	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				96		%
Holmium	165-2				103		%
Indium	115-1				88		%
Indium	115-2				97		%
Iron	54-2	253158.43	248762.15	245456.83	249125.81	1.55	ppb
Iron	56-2	249489.13	246955.82	251731.21	249392.05	0.96	ppb
Iron	57-2	255083.70	245748.98	247084.18	249305.62	2.02	ppb
Krypton	83-1						cps
Lead	206-1	3.72	3.71	3.38	3.60	5.44	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.81	3.70	3.30	3.60	7.49	ppb
Lead	208-1	3.74	3.67	3.37	3.59	5.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	500964.87	497677.67	497502.42	498714.99	0.39	ppb
Manganese	55-2	8.21	8.51	11.49	9.41	19.27	ppb
Molybdenum	94-1	3.83	3.51	2.75	3.36	16.55	ppb
Molybdenum	95-1	3.11	2.91	2.27	2.76	16.03	ppb
Molybdenum	96-1	3.21	3.03	2.29	2.84	17.18	ppb
Molybdenum	97-1	3.22	2.95	2.21	2.79	18.80	ppb
Molybdenum	98-1	3.09	2.82	2.15	2.69	18.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	4.75	5.48	5.13	7.12	ppb
Phosphorus	31-2	-1.65	-0.77	18.76	5.45	211.86	ppb
Potassium	39-2	249445.48	250852.63	250102.90	250133.67	0.28	ppb
Rhodium	103-1				83		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				101		%
Selenium	82-1	5.65	6.33	5.72	5.90	6.34	ppb
Selenium	77-2	6.50	6.52	3.86	5.63	27.20	ppb
Selenium	78-2	6.70	7.48	4.00	6.06	30.14	ppb
Silicon	28-1	109.43	105.44	104.65	106.51	2.40	ppb
Silver	107-1	0.20	0.22	0.18	0.20	10.90	ppb
Silver	109-1	0.16	0.22	0.17	0.18	16.00	ppb
Sodium	23-2	503585.59	490048.43	503343.18	498992.40	1.55	ppb
Strontium	86-1	5.56	4.79	3.93	4.76	17.18	ppb
Strontium	88-1	5.73	4.76	3.84	4.78	19.75	ppb
Sulfur	34-1	-887.02	-1118.98	-671.73	-892.58		ppb
Terbium	159-1				94		%
Terbium	159-2				100		%
Thallium	203-1	0.52	0.50	0.41	0.48	12.05	ppb
Thallium	205-1	0.51	0.47	0.43	0.47	9.21	ppb
Tin	118-1	0.96	0.89	0.90	0.91	4.05	ppb
Titanium	47-1	2.91	2.86	2.19	2.65	15.25	ppb
Uranium	238-1	0.26	0.23	0.19	0.23	16.81	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.34	0.34	0.70	0.46	45.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				100		%
Zinc	66-2	28.25	27.36	30.05	28.55	4.81	ppb
Zirconium	90-1	0.56	0.53	0.45	0.51	10.93	ppb
Zirconium	91-1	0.57	0.57	0.45	0.53	12.77	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	500.43	481.75	473.82	485.33	2.82	ppb
Antimony	121-1	194.48	201.51	200.55	198.85	1.92	ppb
Arsenic	75-2	191.59	197.03	192.64	193.75	1.49	ppb
Barium	135-1	97.70	101.17	99.56	99.48	1.74	ppb
Barium	137-1	100.06	101.53	103.51	101.70	1.70	ppb
Beryllium	9-1	101.41	102.92	102.06	102.13	0.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	85.22	88.77	83.83	85.94	2.96	ppb
Cadmium	106-1	79.68	81.93	80.42	80.68	1.42	ppb
Cadmium	111-1	100.80	103.36	104.81	102.99	1.97	ppb
Calcium	43-1	1908.02	1869.63	1902.70	1893.45	1.10	ppb
Calcium	44-1	1956.31	1905.87	1915.69	1925.96	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.87	96.61	94.87	95.79	0.91	ppb
Cobalt	59-2	97.54	97.25	96.84	97.21	0.36	ppb
Copper	63-2	99.11	98.91	99.00	99.00	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	2044.47	2027.06	2030.98	2034.17	0.45	ppb
Iron	56-2	1994.31	2034.27	1965.91	1998.16	1.72	ppb
Iron	57-2	1942.98	1930.88	1907.99	1927.28	0.92	ppb
Krypton	83-1						cps
Lead	206-1	181.24	190.26	185.56	185.69	2.43	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	179.15	185.01	179.31	181.16	1.84	ppb
Lead	208-1	187.22	191.25	189.07	189.18	1.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	1129.86	1118.11	1082.62	1110.20	2.22	ppb
Manganese	55-2	95.78	94.49	96.13	95.47	0.90	ppb
Molybdenum	94-1	0.09	0.14	0.13	0.12	23.73	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.87	ppb
Molybdenum	96-1	0.13	0.13	0.14	0.14	3.85	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	24.96	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	24.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.16	100.76	100.77	100.90	0.22	ppb
Phosphorus	31-2	-12.74	-19.39	-2.93	-11.69		ppb
Potassium	39-2	1916.80	1855.74	1844.91	1872.49	2.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	211.32	197.24	208.39	205.65	3.61	ppb
Selenium	77-2	209.72	202.62	230.30	214.21	6.71	ppb
Selenium	78-2	218.01	202.00	207.72	209.24	3.88	ppb
Silicon	28-1	5.20	6.42	5.48	5.70	11.27	ppb
Silver	107-1	48.34	50.28	49.62	49.41	2.00	ppb
Silver	109-1	49.12	50.44	50.49	50.02	1.56	ppb
Sodium	23-2	1977.36	1936.71	1925.30	1946.46	1.41	ppb
Strontium	86-1	0.32	0.25	0.32	0.30	13.37	ppb
Strontium	88-1	0.27	0.25	0.25	0.26	5.67	ppb
Sulfur	34-1	-674.82	-582.78	-864.64	-707.41		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	181.41	188.09	182.07	183.86	2.00	ppb
Thallium	205-1	192.83	193.96	191.99	192.93	0.51	ppb
Tin	118-1	0.02	0.01	-0.01	0.01	285.05	ppb
Titanium	47-1	0.04	0.01	0.07	0.04	79.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	95.13	94.99	94.20	94.77	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	186.84	189.06	186.16	187.35	0.81	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	71.56	ppb
Zirconium	91-1	0.10	0.08	0.12	0.10	21.99	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.85	19.25	17.98	18.36	4.21	ppb
Antimony	121-1	1.96	1.97	1.96	1.97	0.34	ppb
Arsenic	75-2	1.05	0.87	0.77	0.90	15.99	ppb
Barium	135-1	9.08	9.47	8.95	9.16	2.94	ppb
Barium	137-1	9.59	9.16	9.54	9.43	2.52	ppb
Beryllium	9-1	0.94	0.96	0.96	0.95	1.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	0.78	1.03	0.93	0.91	13.61	ppb
Cadmium	106-1	1.53	1.34	-0.06	0.93	92.88	ppb
Cadmium	111-1	1.03	1.10	0.89	1.01	10.42	ppb
Calcium	43-1	462.24	478.52	450.08	463.61	3.08	ppb
Calcium	44-1	473.99	476.67	463.78	471.48	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.68	1.67	1.68	0.77	ppb
Cobalt	59-2	0.92	0.91	0.87	0.90	2.92	ppb
Copper	63-2	1.88	1.93	1.85	1.89	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	54-2	48.34	51.65	44.71	48.23	7.20	ppb
Iron	56-2	46.96	47.92	45.82	46.90	2.24	ppb
Iron	57-2	46.72	45.15	46.94	46.27	2.11	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.89	0.88	0.90	1.88	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.92	0.88	0.94	0.92	3.31	ppb
Lead	208-1	0.90	0.90	0.91	0.90	0.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	475.10	470.62	459.33	468.35	1.74	ppb
Manganese	55-2	0.98	1.00	0.86	0.95	8.18	ppb
Molybdenum	94-1	5.25	5.43	5.21	5.30	2.22	ppb
Molybdenum	95-1	4.39	4.42	4.42	4.41	0.37	ppb
Molybdenum	96-1	4.49	4.49	4.52	4.50	0.36	ppb
Molybdenum	97-1	4.52	4.53	4.55	4.53	0.38	ppb
Molybdenum	98-1	4.45	4.45	4.47	4.46	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.86	0.79	0.87	9.76	ppb
Phosphorus	31-2	-11.62	17.20	9.03	4.87	305.11	ppb
Potassium	39-2	455.51	452.95	445.56	451.34	1.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				111		%
Scandium	45-1				104		%
Scandium	45-2				112		%
Selenium	82-1	5.12	5.15	5.30	5.19	1.81	ppb
Selenium	77-2	3.51	4.70	2.32	3.51	33.85	ppb
Selenium	78-2	4.21	4.57	4.50	4.43	4.36	ppb
Silicon	28-1	11.59	10.37	9.09	10.35	12.06	ppb
Silver	107-1	0.95	0.93	0.95	0.94	1.32	ppb
Silver	109-1	0.93	0.93	0.99	0.95	3.56	ppb
Sodium	23-2	478.52	487.23	468.44	478.06	1.97	ppb
Strontium	86-1	0.93	0.87	0.97	0.92	5.69	ppb
Strontium	88-1	0.95	0.92	0.93	0.93	1.49	ppb
Sulfur	34-1	-999.56	-952.85	-1153.84	-1035.41		ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.86	0.86	0.87	0.86	1.02	ppb
Thallium	205-1	0.90	0.85	0.87	0.88	3.06	ppb
Tin	118-1	4.64	4.68	4.80	4.71	1.74	ppb
Titanium	47-1	4.33	4.62	4.35	4.43	3.66	ppb
Uranium	238-1	0.83	0.79	0.82	0.81	2.24	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.63	4.75	4.37	4.58	4.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				111		%
Zinc	66-2	4.70	4.41	4.00	4.37	7.98	ppb
Zirconium	90-1	0.91	0.88	0.88	0.89	2.06	ppb
Zirconium	91-1	0.90	0.87	0.89	0.89	1.60	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.98	-0.44	-0.57		ppb
Antimony	121-1	0.00	0.01	0.00	0.01	43.71	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	41.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.05	-0.04	0.05	182.77	ppb
Cadmium	106-1	-0.86	-1.44	-1.33	-1.21		ppb
Cadmium	111-1	-0.07	-0.11	-0.10	-0.09		ppb
Calcium	43-1	0.63	1.66	-1.45	0.28	568.29	ppb
Calcium	44-1	6.67	8.76	9.66	8.36	18.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.14	-0.10	-0.10		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	-0.04	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				111		%
Iron	54-2	-0.72	-1.10	-0.53	-0.78		ppb
Iron	56-2	-0.60	-0.48	-0.58	-0.55		ppb
Iron	57-2	0.58	-1.04	-0.37	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.02	19.58	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.02	0.01	0.02	75.14	ppb
Lead	208-1	0.03	0.02	0.02	0.02	21.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.07	-0.44	-0.13	-0.17		ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	33.09	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	71.57	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	237.54	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	190.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-31.74	-11.31	-14.60	-19.22		ppb
Potassium	39-2	-2.41	3.58	0.35	0.50	594.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				111		%
Selenium	82-1	0.05	0.68	0.26	0.33	96.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	0.14	0.81	0.13	508.84	ppb
Silicon	28-1	2.72	1.52	2.53	2.26	28.59	ppb
Silver	107-1	0.00	0.01	0.00	0.00	202.27	ppb
Silver	109-1	0.00	0.01	0.00	0.00	83.12	ppb
Sodium	23-2	20.00	18.69	18.86	19.18	3.72	ppb
Strontium	86-1	0.04	0.02	-0.03	0.01	378.94	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	1995.54	ppb
Sulfur	34-1	-937.52	-1033.75	-925.82	-965.70		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.02	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	-0.19	-0.11	-0.17	-0.16		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	180.67	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92428.27	91850.84	93923.92	92734.35	1.15	ppb
Antimony	121-1	1.06	1.05	1.06	1.05	0.10	ppb
Arsenic	75-2	0.44	0.25	0.24	0.31	37.06	ppb
Barium	135-1	1.34	1.32	1.34	1.33	0.59	ppb
Barium	137-1	1.41	1.42	1.35	1.40	2.83	ppb
Beryllium	9-1	0.28	0.28	0.30	0.29	3.78	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	16.79	14.58	15.12	15.50	7.42	ppb
Cadmium	106-1	-2.21	-0.95	-3.11	-2.09		ppb
Cadmium	111-1	0.33	0.59	0.35	0.42	34.84	ppb
Calcium	43-1	94738.27	96203.45	95480.80	95474.17	0.77	ppb
Calcium	44-1	93062.82	95350.84	92433.16	93615.61	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.87	18.32	18.90	18.70	1.75	ppb
Cobalt	59-2	1.08	1.16	1.15	1.13	3.60	ppb
Copper	63-2	7.52	7.19	7.59	7.43	2.85	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				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	97074.54	96103.27	96008.99	96395.60	0.61	ppb
Iron	56-2	95309.37	96177.63	98019.27	96502.09	1.43	ppb
Iron	57-2	97176.60	97817.52	97829.00	97607.71	0.38	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.45	4.40	4.55	4.57	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.39	4.15	4.12	4.22	3.48	ppb
Lead	208-1	4.52	4.25	4.18	4.32	4.13	ppb
Lithium	6-1				94		%
Magnesium	24-2	92061.44	90018.44	91097.69	91059.19	1.12	ppb
Manganese	55-2	7.77	7.59	7.15	7.51	4.27	ppb
Molybdenum	94-1	1523.67	1517.91	1522.44	1521.34	0.20	ppb
Molybdenum	95-1	1869.48	1799.99	1794.71	1821.40	2.29	ppb
Molybdenum	96-1	1804.05	1745.38	1741.82	1763.75	1.98	ppb
Molybdenum	97-1	1862.15	1819.25	1821.85	1834.42	1.31	ppb
Molybdenum	98-1	1831.68	1765.37	1795.18	1797.41	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.18	5.08	5.14	1.10	ppb
Phosphorus	31-2	93092.39	92979.66	92608.69	92893.58	0.27	ppb
Potassium	39-2	92760.32	91700.37	91514.58	91991.75	0.73	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	-0.03	0.37	0.08	0.14	148.25	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	0.28	2.10	0.87	121.15	ppb
Silicon	28-1	33.70	35.42	33.85	34.32	2.77	ppb
Silver	107-1	0.02	0.03	0.02	0.02	19.96	ppb
Silver	109-1	0.02	0.03	0.03	0.03	21.02	ppb
Sodium	23-2	96267.56	95201.53	95237.26	95568.78	0.63	ppb
Strontium	86-1	32.39	32.17	32.27	32.28	0.34	ppb
Strontium	88-1	33.32	31.29	32.13	32.24	3.15	ppb
Sulfur	34-1	70307.50	70452.80	70656.22	70472.18	0.25	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.08	0.10	0.09	11.38	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	5.03	ppb
Tin	118-1	0.20	0.14	0.14	0.16	22.85	ppb
Titanium	47-1	1908.43	1849.55	1909.37	1889.12	1.81	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.71	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.10	0.18	0.13	32.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	11.36	10.64	10.39	10.80	4.64	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.13	ppb
Zirconium	91-1	0.05	0.00	0.02	0.02	93.95	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89469.82	90035.69	93140.69	90882.07	2.17	ppb
Antimony	121-1	20.10	20.06	20.25	20.14	0.52	ppb
Arsenic	75-2	18.32	17.83	17.99	18.04	1.38	ppb
Barium	135-1	20.52	19.90	20.76	20.40	2.18	ppb
Barium	137-1	21.03	20.71	21.06	20.93	0.94	ppb
Beryllium	9-1	19.69	19.33	19.87	19.63	1.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	30.95	30.79	30.39	30.71	0.94	ppb
Cadmium	106-1	14.71	13.41	14.41	14.18	4.83	ppb
Cadmium	111-1	19.19	18.89	19.07	19.05	0.80	ppb
Calcium	43-1	93555.88	95721.37	95028.29	94768.51	1.17	ppb
Calcium	44-1	93432.23	92307.27	93440.96	93060.16	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.98	36.09	37.48	36.51	2.29	ppb
Cobalt	59-2	19.03	19.58	19.87	19.49	2.20	ppb
Copper	63-2	25.36	25.81	26.95	26.04	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	92193.40	92958.21	94531.53	93227.71	1.28	ppb
Iron	56-2	94682.46	94741.64	96885.78	95436.63	1.32	ppb
Iron	57-2	93439.57	96458.91	97429.33	95775.94	2.17	ppb
Krypton	83-1						cps
Lead	206-1	29.10	28.38	29.31	28.93	1.69	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	28.07	29.05	28.92	28.68	1.86	ppb
Lead	208-1	28.31	28.19	28.75	28.42	1.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	88367.49	86762.25	90069.09	88399.61	1.87	ppb
Manganese	55-2	24.91	25.29	26.04	25.41	2.25	ppb
Molybdenum	94-1	1510.89	1485.54	1491.15	1495.86	0.89	ppb
Molybdenum	95-1	1817.69	1780.43	1829.87	1809.33	1.42	ppb
Molybdenum	96-1	1744.30	1757.11	1759.20	1753.54	0.46	ppb
Molybdenum	97-1	1802.06	1797.31	1799.36	1799.58	0.13	ppb
Molybdenum	98-1	1805.38	1777.52	1788.37	1790.42	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.72	23.75	24.29	23.92	1.34	ppb
Phosphorus	31-2	89591.55	90404.19	92858.26	90951.33	1.87	ppb
Potassium	39-2	90265.56	90498.53	91313.52	90692.53	0.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	19.82	19.56	17.86	19.08	5.58	ppb
Selenium	77-2	21.49	16.58	17.67	18.58	13.88	ppb
Selenium	78-2	17.88	18.05	22.98	19.64	14.75	ppb
Silicon	28-1	33.80	35.61	36.19	35.20	3.55	ppb
Silver	107-1	17.61	17.84	18.46	17.97	2.46	ppb
Silver	109-1	18.28	17.99	18.42	18.23	1.18	ppb
Sodium	23-2	94656.79	91976.12	95007.88	93880.27	1.77	ppb
Strontium	86-1	32.61	32.77	32.96	32.78	0.54	ppb
Strontium	88-1	31.87	31.82	32.61	32.10	1.38	ppb
Sulfur	34-1	69059.45	70194.22	68855.37	69369.68	1.04	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	22.55	22.18	22.45	22.39	0.86	ppb
Thallium	205-1	22.57	22.87	23.09	22.84	1.16	ppb
Tin	118-1	0.15	0.14	0.16	0.15	9.45	ppb
Titanium	47-1	1851.01	1848.90	1900.57	1866.82	1.57	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	31.39	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.32	18.64	19.16	18.71	2.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	26.73	28.55	28.99	28.09	4.25	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	7.27	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	46.68	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50534.46	50529.79	51267.51	50777.26	0.84	ppb
Antimony	121-1	476.13	477.72	487.86	480.57	1.32	ppb
Arsenic	75-2	470.01	487.41	483.70	480.37	1.91	ppb
Barium	135-1	2425.96	2455.15	2447.51	2442.88	0.62	ppb
Barium	137-1	2401.21	2480.66	2479.39	2453.75	1.85	ppb
Beryllium	9-1	486.85	497.37	496.16	493.46	1.17	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	480.02	477.66	484.64	480.77	0.74	ppb
Cadmium	106-1	467.04	473.91	480.60	473.85	1.43	ppb
Cadmium	111-1	477.25	494.23	480.80	484.09	1.85	ppb
Calcium	43-1	252888.21	254503.42	261857.79	256416.47	1.86	ppb
Calcium	44-1	251407.04	247629.79	253910.90	250982.58	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.40	462.51	466.56	463.49	0.59	ppb
Cobalt	59-2	477.35	473.01	478.25	476.20	0.59	ppb
Copper	63-2	4749.56	4705.54	4806.47	4753.86	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	124588.14	124342.45	126644.10	125191.56	1.01	ppb
Iron	56-2	126768.72	125085.47	127335.25	126396.48	0.93	ppb
Iron	57-2	124759.15	126886.32	127755.91	126467.13	1.22	ppb
Krypton	83-1						cps
Lead	206-1	2393.75	2445.97	2424.83	2421.52	1.08	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2388.79	2493.26	2477.00	2453.02	2.29	ppb
Lead	208-1	2382.49	2437.68	2443.95	2421.37	1.40	ppb
Lithium	6-1				90		%
Magnesium	24-2	247258.79	248741.28	248745.57	248248.54	0.35	ppb
Manganese	55-2	4762.92	4706.35	4740.28	4736.52	0.60	ppb
Molybdenum	94-1	4683.77	4766.87	5070.17	4840.27	4.20	ppb
Molybdenum	95-1	4740.29	4802.22	4993.71	4845.40	2.73	ppb
Molybdenum	96-1	4709.02	4813.90	5015.18	4846.03	3.21	ppb
Molybdenum	97-1	4727.43	4743.42	4931.05	4800.63	2.36	ppb
Molybdenum	98-1	4824.90	4781.56	4946.12	4850.86	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.50	476.99	488.28	482.93	1.17	ppb
Phosphorus	31-2	9252.05	9586.77	9409.52	9416.11	1.78	ppb
Potassium	39-2	117283.90	117096.26	118856.75	117745.64	0.82	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	470.48	471.15	494.85	478.83	2.90	ppb
Selenium	77-2	493.49	493.42	491.87	492.93	0.18	ppb
Selenium	78-2	475.83	465.92	517.34	486.36	5.61	ppb
Silicon	28-1	791.15	808.93	841.21	813.76	3.12	ppb
Silver	107-1	498.05	505.27	498.58	500.63	0.80	ppb
Silver	109-1	496.86	511.01	499.88	502.59	1.48	ppb
Sodium	23-2	241124.32	244181.55	241774.32	242360.06	0.66	ppb
Strontium	86-1	12224.67	12155.34	12706.71	12362.24	2.43	ppb
Strontium	88-1	11845.75	12266.89	12589.21	12233.95	3.05	ppb
Sulfur	34-1	8405.24	8411.92	8656.35	8491.17	1.69	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	476.48	495.08	489.94	487.16	1.97	ppb
Thallium	205-1	478.57	502.53	485.65	488.92	2.52	ppb
Tin	118-1	480.09	485.56	483.15	482.93	0.57	ppb
Titanium	47-1	4829.60	4808.51	4848.06	4828.72	0.41	ppb
Uranium	238-1	478.89	489.80	502.43	490.37	2.40	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	477.75	474.08	481.50	477.78	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	4809.79	4715.85	4825.96	4783.87	1.24	ppb
Zirconium	90-1	471.62	486.44	494.63	484.23	2.41	ppb
Zirconium	91-1	463.79	475.22	497.52	478.84	3.58	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	-0.82	0.36	0.07	1144.86	ppb
Antimony	121-1	0.04	0.04	0.08	0.05	47.61	ppb
Arsenic	75-2	0.01	0.04	-0.01	0.01	160.75	ppb
Barium	135-1	0.02	0.02	0.00	0.01	116.46	ppb
Barium	137-1	0.03	0.02	-0.01	0.01	137.30	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	28.30	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.02	0.02	0.04	87.50	ppb
Cadmium	106-1	-2.95	-4.11	-2.27	-3.11		ppb
Cadmium	111-1	-0.21	-0.31	-0.16	-0.23		ppb
Calcium	43-1	2.30	-1.87	-1.55	-0.37		ppb
Calcium	44-1	1.83	2.55	4.04	2.81	40.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.07	-0.06	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2189.91	ppb
Copper	63-2	0.02	0.00	0.00	0.01	108.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	54-2	-0.04	-0.09	-0.34	-0.16		ppb
Iron	56-2	-0.01	-0.16	0.40	0.08	386.67	ppb
Iron	57-2	0.13	-1.21	2.28	0.40	439.50	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.09	0.09	6.76	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.10	0.09	8.64	ppb
Lead	208-1	0.10	0.09	0.09	0.09	5.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.69	0.57	1.81	1.02	67.04	ppb
Manganese	55-2	0.01	-0.03	0.03	0.00	993.86	ppb
Molybdenum	94-1	0.05	0.06	0.05	0.05	12.94	ppb
Molybdenum	95-1	0.08	0.04	0.03	0.05	48.88	ppb
Molybdenum	96-1	0.07	0.03	0.02	0.04	70.28	ppb
Molybdenum	97-1	0.07	0.05	0.04	0.06	26.12	ppb
Molybdenum	98-1	0.08	0.05	0.04	0.06	41.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-28.38	-31.37	-29.41	-29.72		ppb
Potassium	39-2	32.90	25.91	29.23	29.35	11.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	-0.13	-0.17	0.68	0.13	368.79	ppb
Selenium	77-2	0.00	1.19	1.20	0.80	86.60	ppb
Selenium	78-2	-0.89	-0.19	-0.54	-0.54		ppb
Silicon	28-1	-1.33	1.82	-1.13	-0.21		ppb
Silver	107-1	0.19	0.03	0.01	0.08	131.46	ppb
Silver	109-1	0.21	0.04	0.01	0.08	127.42	ppb
Sodium	23-2	76.80	73.39	73.28	74.49	2.69	ppb
Strontium	86-1	0.14	0.05	0.03	0.07	78.60	ppb
Strontium	88-1	0.12	0.05	0.03	0.07	71.56	ppb
Sulfur	34-1	-1164.75	-550.14	-1076.81	-930.57		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.05	0.04	0.04	13.37	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	11.78	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	11623.02	ppb
Titanium	47-1	0.06	0.05	0.01	0.04	69.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	102.47	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	-0.11	0.03	0.02	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.32	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	69.38	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.29	16.51	19.53	17.78	8.82	ppb
Antimony	121-1	1.86	1.85	1.96	1.89	3.22	ppb
Arsenic	75-2	1.09	0.84	0.87	0.94	14.83	ppb
Barium	135-1	9.24	9.44	9.30	9.33	1.14	ppb
Barium	137-1	9.36	9.26	9.43	9.35	0.92	ppb
Beryllium	9-1	1.03	0.97	1.00	1.00	2.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	1.05	1.27	1.36	1.23	12.94	ppb
Cadmium	106-1	-0.17	-1.79	-1.76	-1.24		ppb
Cadmium	111-1	0.94	0.79	0.76	0.83	11.63	ppb
Calcium	43-1	473.09	464.26	454.00	463.78	2.06	ppb
Calcium	44-1	479.08	474.76	467.99	473.95	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.82	1.66	1.75	4.74	ppb
Cobalt	59-2	0.93	0.99	0.92	0.94	4.30	ppb
Copper	63-2	1.93	1.82	1.95	1.90	3.51	ppb
Dysprosium	156-1						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				108		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	47.62	45.54	51.15	48.10	5.90	ppb
Iron	56-2	47.84	47.26	47.05	47.38	0.87	ppb
Iron	57-2	46.56	43.18	48.16	45.97	5.54	ppb
Krypton	83-1						cps
Lead	206-1	1.05	0.93	0.99	0.99	5.78	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.99	1.01	0.97	0.99	1.90	ppb
Lead	208-1	1.02	0.95	0.98	0.98	3.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	468.98	470.26	475.22	471.49	0.70	ppb
Manganese	55-2	1.01	0.98	0.89	0.96	6.57	ppb
Molybdenum	94-1	5.39	5.27	5.25	5.30	1.44	ppb
Molybdenum	95-1	4.63	4.40	4.37	4.46	3.17	ppb
Molybdenum	96-1	4.66	4.68	4.43	4.59	2.99	ppb
Molybdenum	97-1	4.72	4.48	4.38	4.53	3.94	ppb
Molybdenum	98-1	4.76	4.46	4.31	4.51	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.82	0.93	0.92	10.62	ppb
Phosphorus	31-2	2.23	9.57	15.87	9.22	74.05	ppb
Potassium	39-2	466.65	476.90	482.54	475.36	1.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	4.84	5.52	4.87	5.07	7.56	ppb
Selenium	77-2	3.65	4.81	6.01	4.83	24.43	ppb
Selenium	78-2	5.49	5.41	4.36	5.09	12.45	ppb
Silicon	28-1	6.08	4.08	5.16	5.10	19.58	ppb
Silver	107-1	0.98	0.92	0.93	0.94	3.32	ppb
Silver	109-1	1.03	0.91	0.93	0.96	6.55	ppb
Sodium	23-2	516.73	516.54	530.02	521.10	1.48	ppb
Strontium	86-1	1.40	0.91	0.95	1.09	24.79	ppb
Strontium	88-1	1.36	0.98	0.91	1.09	22.29	ppb
Sulfur	34-1	-632.97	-857.64	-875.74	-788.78		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.91	0.94	0.87	0.91	4.34	ppb
Thallium	205-1	0.90	0.92	0.94	0.92	1.84	ppb
Tin	118-1	4.82	4.49	4.74	4.68	3.58	ppb
Titanium	47-1	4.66	4.46	5.01	4.71	5.89	ppb
Uranium	238-1	0.83	0.82	0.83	0.83	0.90	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.63	4.62	4.73	4.66	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	4.46	4.29	4.51	4.42	2.64	ppb
Zirconium	90-1	0.89	0.91	0.88	0.89	1.71	ppb
Zirconium	91-1	0.88	0.91	0.80	0.86	6.52	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.22	0.01	-0.23		ppb
Antimony	121-1	0.01	0.03	0.03	0.02	60.88	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	59.25	ppb
Barium	135-1	0.03	0.06	0.01	0.03	67.32	ppb
Barium	137-1	0.00	0.05	0.02	0.02	134.43	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	-0.01	0.11	0.03	238.26	ppb
Cadmium	106-1	-1.03	-1.34	-1.85	-1.41		ppb
Cadmium	111-1	-0.07	-0.09	-0.15	-0.10		ppb
Calcium	43-1	-1.66	2.77	4.17	1.76	173.14	ppb
Calcium	44-1	9.50	10.24	12.26	10.66	13.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.08	-0.09	-0.08		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.04	-0.04	-0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	-1.59	-1.06	-0.46	-1.04		ppb
Iron	56-2	-0.54	-0.48	-0.47	-0.49		ppb
Iron	57-2	0.13	-1.06	-0.95	-0.63		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.11	0.08	0.08	33.71	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.10	0.08	0.08	23.63	ppb
Lead	208-1	0.06	0.11	0.08	0.08	29.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.15	0.04	-0.05	-0.05		ppb
Manganese	55-2	-0.03	-0.02	-0.03	-0.02		ppb
Molybdenum	94-1	0.01	0.12	0.07	0.07	79.08	ppb
Molybdenum	95-1	0.02	0.14	0.05	0.07	88.41	ppb
Molybdenum	96-1	0.00	0.15	0.06	0.07	105.86	ppb
Molybdenum	97-1	0.02	0.17	0.04	0.08	106.61	ppb
Molybdenum	98-1	0.02	0.14	0.05	0.07	92.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.01	0.02	46.98	ppb
Phosphorus	31-2	-26.86	-27.90	-29.29	-28.01		ppb
Potassium	39-2	24.25	26.14	22.68	24.36	7.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	-0.08	-0.27	-0.38	-0.24		ppb
Selenium	77-2	0.00	0.00	2.45	0.82	173.21	ppb
Selenium	78-2	-0.89	-0.18	0.19	-0.29		ppb
Silicon	28-1	0.70	-0.11	0.48	0.36	116.57	ppb
Silver	107-1	0.01	0.01	0.06	0.03	103.79	ppb
Silver	109-1	0.01	0.02	0.06	0.03	104.43	ppb
Sodium	23-2	50.61	53.72	52.02	52.11	2.99	ppb
Strontium	86-1	0.00	0.20	0.17	0.13	84.71	ppb
Strontium	88-1	0.03	0.24	0.08	0.12	96.73	ppb
Sulfur	34-1	-424.57	-715.26	-538.79	-559.54		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.05	0.04	22.78	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.69	ppb
Tin	118-1	-0.02	0.00	0.01	0.00		ppb
Titanium	47-1	-0.01	0.13	-0.02	0.03	256.73	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	127.70	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.02	-0.02	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	-0.14	-0.20	-0.24	-0.19		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	91.77	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	32.59	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9830.29	10001.15	9931.25	9920.90	0.87	ppb
Antimony	121-1	502.56	507.30	502.52	504.13	0.55	ppb
Arsenic	75-2	496.99	489.14	491.52	492.55	0.82	ppb
Barium	135-1	2464.48	2523.43	2541.58	2509.83	1.61	ppb
Barium	137-1	2485.48	2485.39	2562.87	2511.25	1.78	ppb
Beryllium	9-1	506.88	494.08	498.84	499.93	1.29	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	496.35	503.07	508.61	502.68	1.22	ppb
Cadmium	106-1	488.88	486.19	491.87	488.98	0.58	ppb
Cadmium	111-1	495.15	499.95	497.44	497.51	0.48	ppb
Calcium	43-1	56799.92	58394.38	58504.25	57899.52	1.65	ppb
Calcium	44-1	55045.92	55537.86	55671.83	55418.54	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.84	485.60	477.75	482.73	0.90	ppb
Cobalt	59-2	490.99	489.20	485.71	488.63	0.55	ppb
Copper	63-2	5033.37	4936.41	4877.80	4949.19	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				102		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	26593.10	26147.00	26754.23	26498.11	1.19	ppb
Iron	56-2	26161.58	25888.97	25265.46	25772.01	1.78	ppb
Iron	57-2	24859.34	25130.74	25266.34	25085.47	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2393.36	2418.21	2415.29	2408.95	0.56	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2399.26	2442.22	2463.97	2435.15	1.35	ppb
Lead	208-1	2407.90	2437.17	2454.82	2433.29	0.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	51163.80	51810.92	50742.55	51239.09	1.05	ppb
Manganese	55-2	5044.41	4944.36	5087.29	5025.35	1.46	ppb
Molybdenum	94-1	4991.63	4726.60	4858.96	4859.06	2.73	ppb
Molybdenum	95-1	4974.39	4754.37	4756.52	4828.43	2.62	ppb
Molybdenum	96-1	5032.31	4701.42	4790.20	4841.31	3.54	ppb
Molybdenum	97-1	5002.77	4736.32	4831.13	4856.74	2.78	ppb
Molybdenum	98-1	5014.61	4837.74	4728.65	4860.34	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.81	500.78	494.31	495.97	0.85	ppb
Phosphorus	31-2	9689.83	9568.54	9764.75	9674.37	1.02	ppb
Potassium	39-2	24922.50	24828.29	25027.81	24926.20	0.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	508.18	488.67	499.55	498.80	1.96	ppb
Selenium	77-2	503.10	512.30	443.15	486.18	7.72	ppb
Selenium	78-2	511.92	509.45	472.40	497.92	4.45	ppb
Silicon	28-1	468.07	491.03	514.15	491.08	4.69	ppb
Silver	107-1	505.11	488.09	502.15	498.45	1.82	ppb
Silver	109-1	504.71	507.14	509.26	507.04	0.45	ppb
Sodium	23-2	49751.96	51245.46	50334.99	50444.14	1.49	ppb
Strontium	86-1	12723.69	12300.95	12418.52	12481.05	1.75	ppb
Strontium	88-1	12729.62	12103.85	12218.54	12350.67	2.70	ppb
Sulfur	34-1	9062.01	8858.95	9133.82	9018.26	1.58	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	492.85	488.08	493.64	491.52	0.61	ppb
Thallium	205-1	494.87	479.02	492.44	488.78	1.75	ppb
Tin	118-1	498.99	505.76	503.10	502.62	0.68	ppb
Titanium	47-1	4905.52	4772.19	4884.18	4853.96	1.48	ppb
Uranium	238-1	476.50	463.09	480.79	473.46	1.95	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	493.45	495.88	485.45	491.59	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4881.92	4903.44	4884.98	4890.11	0.24	ppb
Zirconium	90-1	494.70	476.78	482.76	484.75	1.88	ppb
Zirconium	91-1	488.12	471.52	475.41	478.35	1.81	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7909.08	7941.83	7769.89	7873.60	1.16	ppb
Antimony	121-1	0.14	0.19	0.19	0.17	14.77	ppb
Arsenic	75-2	8.76	9.16	8.98	8.97	2.22	ppb
Barium	135-1	88.18	89.31	88.08	88.52	0.77	ppb
Barium	137-1	90.50	90.30	89.55	90.11	0.56	ppb
Beryllium	9-1	0.83	0.84	0.86	0.84	1.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	1.48	1.12	1.12	1.24	16.88	ppb
Cadmium	106-1	-2.38	-1.17	-2.15	-1.90		ppb
Cadmium	111-1	0.47	0.60	0.50	0.52	12.89	ppb
Calcium	43-1	5629.08	5657.35	5738.28	5674.90	1.00	ppb
Calcium	44-1	5718.71	5717.29	5601.89	5679.30	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.65	13.64	13.31	13.53	1.45	ppb
Cobalt	59-2	12.30	12.08	11.98	12.12	1.36	ppb
Copper	63-2	32.72	32.68	32.03	32.48	1.20	ppb
Dysprosium	156-1						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				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	16946.81	16723.28	16790.37	16820.15	0.68	ppb
Iron	56-2	17013.84	17114.69	17017.57	17048.70	0.34	ppb
Iron	57-2	16735.45	16794.97	16689.94	16740.12	0.31	ppb
Krypton	83-1						cps
Lead	206-1	49.08	51.15	50.43	50.22	2.09	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	48.61	49.98	49.57	49.39	1.42	ppb
Lead	208-1	48.56	50.06	49.36	49.33	1.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	2310.16	2262.51	2280.83	2284.50	1.05	ppb
Manganese	55-2	325.05	324.64	324.43	324.71	0.10	ppb
Molybdenum	94-1	2.35	2.31	2.43	2.36	2.53	ppb
Molybdenum	95-1	0.53	0.63	0.51	0.55	11.17	ppb
Molybdenum	96-1	0.67	0.79	0.67	0.71	10.09	ppb
Molybdenum	97-1	0.54	0.52	0.47	0.51	7.20	ppb
Molybdenum	98-1	0.50	0.55	0.48	0.51	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.04	29.13	27.95	28.37	2.31	ppb
Phosphorus	31-2	404.74	353.94	402.29	386.99	7.40	ppb
Potassium	39-2	1734.78	1743.14	1713.90	1730.61	0.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	0.96	1.31	0.33	0.87	57.30	ppb
Selenium	77-2	13.57	7.31	14.56	11.82	33.27	ppb
Selenium	78-2	3.79	4.79	0.88	3.15	64.38	ppb
Silicon	28-1	7816.51	7920.94	8005.70	7914.38	1.20	ppb
Silver	107-1	0.13	0.17	0.14	0.15	14.21	ppb
Silver	109-1	0.15	0.18	0.14	0.16	13.81	ppb
Sodium	23-2	210.09	211.94	206.85	209.63	1.23	ppb
Strontium	86-1	21.36	21.94	20.98	21.43	2.26	ppb
Strontium	88-1	21.08	21.93	20.78	21.26	2.81	ppb
Sulfur	34-1	4347.69	3987.18	4261.94	4198.94	4.49	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.47	0.49	0.48	0.48	1.73	ppb
Thallium	205-1	0.48	0.51	0.49	0.49	3.16	ppb
Tin	118-1	0.28	0.29	0.27	0.28	2.94	ppb
Titanium	47-1	97.62	96.98	97.91	97.50	0.49	ppb
Uranium	238-1	0.64	0.66	0.65	0.65	1.75	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	14.53	14.44	14.79	14.59	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	143.23	146.31	141.07	143.54	1.83	ppb
Zirconium	90-1	1.10	1.15	1.13	1.13	2.53	ppb
Zirconium	91-1	1.08	1.12	1.09	1.10	2.23	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2351.62	2283.61	2268.28	2301.17	1.93	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	24.13	ppb
Arsenic	75-2	3.82	3.27	4.05	3.72	10.70	ppb
Barium	135-1	32.48	32.32	32.58	32.46	0.41	ppb
Barium	137-1	32.14	32.91	33.70	32.92	2.38	ppb
Beryllium	9-1	1.27	1.18	1.25	1.23	4.07	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.89	0.72	0.81	0.81	10.36	ppb
Cadmium	106-1	-0.36	-1.07	0.16	-0.42		ppb
Cadmium	111-1	0.66	0.65	0.76	0.69	8.60	ppb
Calcium	43-1	66885.11	68496.97	68507.99	67963.36	1.37	ppb
Calcium	44-1	66907.00	67699.38	68723.03	67776.47	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.27	1.25	1.25	1.26	0.88	ppb
Cobalt	59-2	62.51	60.96	60.72	61.39	1.58	ppb
Copper	63-2	11.88	11.68	11.44	11.67	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	30044.63	29488.41	29995.75	29842.93	1.03	ppb
Iron	56-2	29301.99	29150.37	29335.11	29262.49	0.34	ppb
Iron	57-2	28936.52	28429.72	28702.34	28689.53	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2.23	2.18	2.14	2.18	2.12	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.17	2.10	2.19	2.15	2.25	ppb
Lead	208-1	2.15	2.13	2.16	2.14	0.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	12889.02	12803.37	12299.95	12664.12	2.51	ppb
Manganese	55-2	9117.49	9088.19	8948.69	9051.46	1.00	ppb
Molybdenum	94-1	0.39	0.45	0.41	0.42	7.32	ppb
Molybdenum	95-1	0.08	0.06	0.10	0.08	24.03	ppb
Molybdenum	96-1	0.11	0.09	0.11	0.10	11.03	ppb
Molybdenum	97-1	0.05	0.07	0.08	0.07	19.94	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.51	103.12	102.88	103.83	1.40	ppb
Phosphorus	31-2	-1.79	4.84	-9.23	-2.06		ppb
Potassium	39-2	2113.96	2083.76	2056.23	2084.65	1.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	82-1	0.45	-0.20	0.75	0.33	145.51	ppb
Selenium	77-2	4.90	6.13	4.96	5.33	13.04	ppb
Selenium	78-2	0.54	0.19	2.73	1.16	119.18	ppb
Silicon	28-1	8342.43	8328.66	8496.98	8389.36	1.11	ppb
Silver	107-1	0.00	0.01	0.01	0.01	54.72	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.40	ppb
Sodium	23-2	2235.34	2228.26	2199.94	2221.18	0.84	ppb
Strontium	86-1	221.60	222.86	221.21	221.89	0.39	ppb
Strontium	88-1	224.06	224.34	228.72	225.71	1.16	ppb
Sulfur	34-1	75593.42	78938.86	80257.40	78263.23	3.07	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.69	0.71	0.72	0.71	1.96	ppb
Thallium	205-1	0.75	0.72	0.71	0.73	2.96	ppb
Tin	118-1	0.17	0.17	0.19	0.18	6.88	ppb
Titanium	47-1	5.87	6.33	6.72	6.31	6.78	ppb
Uranium	238-1	0.22	0.21	0.22	0.22	3.90	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.35	1.42	1.54	1.44	6.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	147.23	144.28	144.59	145.37	1.11	ppb
Zirconium	90-1	0.20	0.19	0.20	0.20	3.85	ppb
Zirconium	91-1	0.22	0.24	0.22	0.23	6.64	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3371.71	3375.73	3440.08	3395.84	1.13	ppb
Antimony	121-1	0.21	0.20	0.22	0.21	4.01	ppb
Arsenic	75-2	33.91	35.10	32.97	33.99	3.15	ppb
Barium	135-1	67.53	66.18	69.37	67.69	2.37	ppb
Barium	137-1	70.49	69.61	70.98	70.36	0.99	ppb
Beryllium	9-1	0.84	0.76	0.85	0.82	5.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.32	0.35	0.23	0.30	20.51	ppb
Cadmium	106-1	-0.43	-1.44	-0.50	-0.79		ppb
Cadmium	111-1	0.32	0.17	0.28	0.26	29.22	ppb
Calcium	43-1	81430.30	78724.56	82183.81	80779.56	2.25	ppb
Calcium	44-1	79852.20	79036.14	78173.87	79020.73	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.06	4.82	4.91	4.93	2.41	ppb
Cobalt	59-2	16.07	16.13	16.48	16.23	1.36	ppb
Copper	63-2	11.62	11.62	11.90	11.72	1.39	ppb
Dysprosium	156-1						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				107		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	19054.08	19147.22	19342.95	19181.42	0.77	ppb
Iron	56-2	19547.86	19027.61	19658.77	19411.41	1.74	ppb
Iron	57-2	19041.14	18700.06	19178.41	18973.20	1.30	ppb
Krypton	83-1						cps
Lead	206-1	8.69	8.73	8.55	8.66	1.12	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.33	8.57	8.27	8.39	1.88	ppb
Lead	208-1	8.49	8.56	8.31	8.45	1.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	15781.70	15647.91	15673.15	15700.92	0.45	ppb
Manganese	55-2	2437.50	2406.88	2527.95	2457.45	2.56	ppb
Molybdenum	94-1	1.29	1.33	1.64	1.42	13.52	ppb
Molybdenum	95-1	0.48	0.44	0.72	0.55	27.56	ppb
Molybdenum	96-1	0.54	0.56	0.76	0.62	20.26	ppb
Molybdenum	97-1	0.44	0.51	0.71	0.55	25.51	ppb
Molybdenum	98-1	0.49	0.48	0.72	0.57	23.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.60	28.91	28.96	29.16	1.33	ppb
Phosphorus	31-2	331.50	313.24	306.73	317.16	4.05	ppb
Potassium	39-2	3510.51	3486.91	3494.57	3497.33	0.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.99	0.65	0.58	0.74	29.89	ppb
Selenium	77-2	12.41	9.93	2.48	8.27	62.52	ppb
Selenium	78-2	1.65	2.01	1.28	1.65	22.14	ppb
Silicon	28-1	7646.66	7485.27	7639.87	7590.60	1.20	ppb
Silver	107-1	0.05	0.04	0.05	0.05	10.27	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.20	ppb
Sodium	23-2	7927.19	7800.41	7788.40	7838.67	0.98	ppb
Strontium	86-1	275.60	276.78	281.73	278.04	1.17	ppb
Strontium	88-1	284.57	279.55	286.35	283.49	1.24	ppb
Sulfur	34-1	63610.37	61882.67	63456.50	62983.18	1.52	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.36	0.40	0.37	6.33	ppb
Thallium	205-1	0.36	0.37	0.36	0.36	0.79	ppb
Tin	118-1	0.25	0.26	0.27	0.26	3.59	ppb
Titanium	47-1	48.24	49.48	50.63	49.45	2.42	ppb
Uranium	238-1	0.32	0.33	0.33	0.33	1.88	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.71	5.06	4.63	4.80	4.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	54.18	54.42	55.47	54.69	1.26	ppb
Zirconium	90-1	0.49	0.50	0.55	0.51	5.57	ppb
Zirconium	91-1	0.46	0.54	0.59	0.53	12.43	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2585.22	2525.69	2552.29	2554.40	1.17	ppb
Antimony	121-1	0.06	0.04	0.04	0.05	18.61	ppb
Arsenic	75-2	2.53	2.42	2.83	2.60	8.25	ppb
Barium	135-1	63.83	62.90	63.97	63.56	0.91	ppb
Barium	137-1	65.44	65.21	66.63	65.76	1.16	ppb
Beryllium	9-1	1.35	1.37	1.38	1.36	1.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.30	0.11	0.27	0.23	44.73	ppb
Cadmium	106-1	-0.01	-1.61	0.24	-0.46		ppb
Cadmium	111-1	0.05	-0.04	0.08	0.03	219.12	ppb
Calcium	43-1	69629.22	69712.13	70127.84	69823.06	0.38	ppb
Calcium	44-1	69455.90	68586.30	68750.06	68930.75	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.68	2.73	2.72	2.71	0.95	ppb
Cobalt	59-2	25.13	24.98	24.91	25.01	0.45	ppb
Copper	63-2	1.29	1.38	1.27	1.31	4.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	20368.60	20489.72	20404.91	20421.08	0.30	ppb
Iron	56-2	20106.65	20423.50	20641.88	20390.68	1.32	ppb
Iron	57-2	19808.58	20178.76	20245.68	20077.67	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.30	0.31	0.31	7.27	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.27	0.30	0.30	8.29	ppb
Lead	208-1	0.34	0.29	0.30	0.31	9.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	14265.40	14645.99	14544.74	14485.37	1.36	ppb
Manganese	55-2	1939.81	1936.26	1956.95	1944.34	0.57	ppb
Molybdenum	94-1	0.55	0.48	0.53	0.52	6.98	ppb
Molybdenum	95-1	0.14	0.07	0.08	0.09	42.36	ppb
Molybdenum	96-1	0.20	0.10	0.11	0.13	41.66	ppb
Molybdenum	97-1	0.12	0.08	0.07	0.09	28.71	ppb
Molybdenum	98-1	0.13	0.07	0.05	0.08	52.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.48	45.39	44.96	44.94	1.01	ppb
Phosphorus	31-2	9.06	17.90	5.08	10.68	61.45	ppb
Potassium	39-2	3257.22	3293.65	3278.01	3276.29	0.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.62	0.98	0.62	0.74	27.86	ppb
Selenium	77-2	6.27	8.80	3.80	6.29	39.78	ppb
Selenium	78-2	1.68	-0.14	0.61	0.72	127.79	ppb
Silicon	28-1	12794.76	12645.92	12494.45	12645.04	1.19	ppb
Silver	107-1	0.01	0.01	0.00	0.01	39.28	ppb
Silver	109-1	0.01	0.00	0.00	0.01	97.51	ppb
Sodium	23-2	8444.88	8670.98	8298.69	8471.52	2.21	ppb
Strontium	86-1	297.33	295.95	297.85	297.04	0.33	ppb
Strontium	88-1	296.60	304.06	296.64	299.10	1.44	ppb
Sulfur	34-1	75929.20	74017.34	74115.68	74687.41	1.44	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.14	0.15	0.15	7.74	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	1.74	ppb
Tin	118-1	0.24	0.23	0.21	0.23	7.98	ppb
Titanium	47-1	1.42	1.80	1.34	1.52	16.11	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	5.94	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.37	0.39	0.28	0.35	17.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	41.14	43.12	42.76	42.34	2.49	ppb
Zirconium	90-1	0.24	0.24	0.29	0.26	11.07	ppb
Zirconium	91-1	0.29	0.24	0.26	0.26	9.07	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.96	22.83	25.91	24.23	6.44	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	8.85	ppb
Arsenic	75-2	0.79	0.65	0.81	0.75	11.52	ppb
Barium	135-1	18.84	18.32	18.66	18.61	1.43	ppb
Barium	137-1	19.78	18.39	18.88	19.01	3.71	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	17.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.15	0.17	0.05	0.12	51.98	ppb
Cadmium	106-1	-0.41	-0.78	-1.71	-0.97		ppb
Cadmium	111-1	-0.01	-0.07	-0.12	-0.07		ppb
Calcium	43-1	16334.62	16444.74	16182.98	16320.78	0.81	ppb
Calcium	44-1	16181.34	16295.34	16217.04	16231.24	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.71	0.65	0.62	16.64	ppb
Cobalt	59-2	0.15	0.15	0.14	0.15	3.66	ppb
Copper	63-2	0.35	0.43	0.37	0.38	10.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	325.32	306.42	336.18	322.64	4.67	ppb
Iron	56-2	330.56	316.13	329.69	325.46	2.48	ppb
Iron	57-2	344.26	339.23	355.29	346.26	2.37	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.35	0.37	0.37	6.38	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.33	0.37	0.34	0.35	5.41	ppb
Lead	208-1	0.37	0.35	0.37	0.36	2.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	3692.84	3524.21	3651.09	3622.71	2.42	ppb
Manganese	55-2	59.85	57.92	59.45	59.08	1.72	ppb
Molybdenum	94-1	0.10	0.14	0.12	0.12	15.43	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	6.63	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	27.22	ppb
Molybdenum	97-1	0.06	0.04	0.06	0.05	26.40	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	13.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.73	0.78	0.73	6.87	ppb
Phosphorus	31-2	76.33	100.33	49.67	75.44	33.59	ppb
Potassium	39-2	4906.16	4656.28	4902.67	4821.70	2.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.92	0.59	-0.70	0.27	319.73	ppb
Selenium	77-2	0.00	1.24	0.00	0.41	173.21	ppb
Selenium	78-2	-1.24	-0.15	0.96	-0.14		ppb
Silicon	28-1	4598.77	4512.03	4477.31	4529.37	1.38	ppb
Silver	107-1	0.01	0.00	0.00	0.00	220.22	ppb
Silver	109-1	0.00	0.01	0.01	0.01	11.07	ppb
Sodium	23-2	1311.09	1243.86	1293.38	1282.78	2.72	ppb
Strontium	86-1	58.83	58.55	57.87	58.41	0.85	ppb
Strontium	88-1	58.00	57.77	58.21	57.99	0.38	ppb
Sulfur	34-1	1869.85	1556.43	1436.56	1620.95	13.80	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	25.99	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	26.47	ppb
Tin	118-1	0.28	0.26	0.28	0.27	5.10	ppb
Titanium	47-1	0.97	0.93	0.78	0.90	11.20	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	13.85	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.10	0.13	0.13	0.12	12.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	6.86	6.44	6.99	6.76	4.24	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	14.66	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	18.66	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.83	24.75	24.97	24.52	2.47	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	11.49	ppb
Arsenic	75-2	0.66	0.55	0.75	0.65	15.34	ppb
Barium	135-1	18.77	18.48	18.54	18.60	0.84	ppb
Barium	137-1	18.99	18.90	19.24	19.05	0.92	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	42.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.02	0.11	0.11	82.86	ppb
Cadmium	106-1	-2.07	-2.18	-2.40	-2.22		ppb
Cadmium	111-1	-0.15	-0.16	-0.19	-0.17		ppb
Calcium	43-1	16414.05	16054.55	16611.25	16359.95	1.73	ppb
Calcium	44-1	16532.91	16377.01	16219.98	16376.63	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.64	0.60	0.60	6.08	ppb
Cobalt	59-2	0.14	0.13	0.15	0.14	5.42	ppb
Copper	63-2	0.36	0.34	0.41	0.37	9.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	331.22	332.98	319.37	327.86	2.26	ppb
Iron	56-2	323.71	327.28	327.35	326.12	0.64	ppb
Iron	57-2	340.51	349.26	336.55	342.11	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.37	0.40	0.37	9.04	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.39	0.38	0.38	0.38	1.58	ppb
Lead	208-1	0.36	0.37	0.38	0.37	2.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	3669.70	3692.46	3655.10	3672.42	0.51	ppb
Manganese	55-2	57.92	59.50	58.20	58.54	1.44	ppb
Molybdenum	94-1	0.14	0.13	0.13	0.13	6.33	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	6.88	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.05	8.28	ppb
Molybdenum	97-1	0.03	0.05	0.06	0.05	26.42	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	21.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.70	0.72	0.67	9.77	ppb
Phosphorus	31-2	70.35	80.14	63.09	71.19	12.02	ppb
Potassium	39-2	4876.03	4866.53	4849.81	4864.12	0.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	-0.02	0.52	0.41	0.30	94.62	ppb
Selenium	77-2	1.25	0.00	0.00	0.42	173.21	ppb
Selenium	78-2	0.59	0.93	-0.15	0.46	120.27	ppb
Silicon	28-1	4432.83	4520.97	4560.11	4504.63	1.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00	147.02	ppb
Silver	109-1	0.01	0.00	0.00	0.00	43.59	ppb
Sodium	23-2	1294.72	1293.48	1279.24	1289.15	0.67	ppb
Strontium	86-1	57.04	57.18	58.73	57.65	1.63	ppb
Strontium	88-1	57.57	57.87	58.49	57.97	0.82	ppb
Sulfur	34-1	1416.62	1407.39	1564.96	1462.99	6.04	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.01	0.01	39.10	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	15.22	ppb
Tin	118-1	0.28	0.28	0.27	0.28	2.20	ppb
Titanium	47-1	0.90	1.08	0.91	0.97	10.16	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	14.75	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.13	0.17	0.15	12.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.88	5.05	5.21	5.05	3.29	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	9.76	ppb
Zirconium	91-1	0.05	0.03	0.06	0.05	32.35	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.77	4.40	4.58	4.59	4.01	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.21	ppb
Arsenic	75-2	0.06	0.06	0.16	0.10	58.72	ppb
Barium	135-1	3.58	3.66	3.72	3.65	2.04	ppb
Barium	137-1	3.91	3.83	3.82	3.85	1.23	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	43.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.20	0.05	0.09	107.38	ppb
Cadmium	106-1	-1.64	-1.26	-2.41	-1.77		ppb
Cadmium	111-1	-0.12	-0.09	-0.18	-0.13		ppb
Calcium	43-1	3271.83	3302.37	3348.06	3307.42	1.16	ppb
Calcium	44-1	3340.03	3265.52	3329.73	3311.76	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.08	0.05	0.06	27.65	ppb
Cobalt	59-2	0.01	0.02	0.04	0.02	53.12	ppb
Copper	63-2	0.10	0.07	0.05	0.07	35.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	66.69	68.08	67.04	67.27	1.07	ppb
Iron	56-2	65.22	66.41	66.46	66.03	1.06	ppb
Iron	57-2	65.36	67.63	70.07	67.68	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.11	0.10	9.36	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.09	0.09	0.09	5.34	ppb
Lead	208-1	0.10	0.09	0.10	0.10	6.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	725.52	734.59	728.70	729.61	0.63	ppb
Manganese	55-2	12.07	11.60	11.86	11.84	1.99	ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	24.02	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	14.03	ppb
Molybdenum	96-1	0.02	-0.01	0.02	0.01	131.09	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	42.63	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	33.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.09	0.14	0.11	23.07	ppb
Phosphorus	31-2	0.15	3.88	-5.24	-0.40		ppb
Potassium	39-2	966.28	974.38	990.55	977.07	1.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	-0.27	0.37	0.44	0.18	214.97	ppb
Selenium	77-2	0.00	1.24	0.00	0.41	173.21	ppb
Selenium	78-2	-0.18	0.21	-0.52	-0.16		ppb
Silicon	28-1	915.49	894.45	909.39	906.45	1.19	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	63.34	ppb
Sodium	23-2	289.90	289.94	287.74	289.19	0.44	ppb
Strontium	86-1	11.68	11.83	11.55	11.68	1.20	ppb
Strontium	88-1	11.60	11.62	11.61	11.61	0.07	ppb
Sulfur	34-1	-425.81	-857.63	-739.11	-674.18		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.44	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.08	ppb
Tin	118-1	0.05	0.04	0.04	0.05	13.89	ppb
Titanium	47-1	0.18	0.16	0.24	0.19	19.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.04	0.02	73.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	1.23	1.19	1.24	1.22	2.12	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	4.60	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	136.42	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52335.40	50474.59	50696.63	51168.88	1.99	ppb
Antimony	121-1	485.77	493.62	479.70	486.37	1.44	ppb
Arsenic	75-2	496.05	486.83	487.91	490.26	1.03	ppb
Barium	135-1	2431.92	2467.69	2433.03	2444.21	0.83	ppb
Barium	137-1	2464.20	2454.05	2469.90	2462.72	0.33	ppb
Beryllium	9-1	487.52	482.40	494.78	488.24	1.27	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	485.62	491.13	480.68	485.81	1.08	ppb
Cadmium	106-1	484.35	487.52	471.72	481.20	1.74	ppb
Cadmium	111-1	486.06	485.04	474.01	481.70	1.39	ppb
Calcium	43-1	250725.64	249400.96	255656.32	251927.64	1.31	ppb
Calcium	44-1	245126.98	242630.99	243994.16	243917.38	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.72	467.35	467.90	470.99	1.24	ppb
Cobalt	59-2	493.10	486.60	480.92	486.87	1.25	ppb
Copper	63-2	4939.95	4785.11	4843.92	4856.33	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				99		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	126853.43	128555.07	124520.43	126642.98	1.60	ppb
Iron	56-2	129486.46	127967.75	126470.00	127974.74	1.18	ppb
Iron	57-2	130857.61	128084.73	129063.29	129335.21	1.09	ppb
Krypton	83-1						cps
Lead	206-1	2406.37	2371.34	2429.16	2402.29	1.21	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2404.71	2408.97	2442.86	2418.85	0.86	ppb
Lead	208-1	2427.58	2393.35	2446.06	2422.33	1.10	ppb
Lithium	6-1				91		%
Magnesium	24-2	252151.93	247937.65	247573.33	249220.97	1.02	ppb
Manganese	55-2	4873.79	4781.53	4761.69	4805.67	1.24	ppb
Molybdenum	94-1	4868.73	4785.36	4930.08	4861.39	1.49	ppb
Molybdenum	95-1	4763.92	4755.83	4833.31	4784.36	0.89	ppb
Molybdenum	96-1	4844.97	4714.91	4805.91	4788.59	1.39	ppb
Molybdenum	97-1	4839.38	4721.52	4773.08	4777.99	1.24	ppb
Molybdenum	98-1	4869.28	4806.67	4889.22	4855.06	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.50	484.25	481.19	486.31	1.32	ppb
Phosphorus	31-2	9660.36	9649.12	9459.72	9589.74	1.18	ppb
Potassium	39-2	120540.39	116167.96	118857.85	118522.07	1.86	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	482.98	475.30	482.43	480.24	0.89	ppb
Selenium	77-2	529.65	506.11	529.34	521.70	2.59	ppb
Selenium	78-2	497.53	478.60	457.43	477.85	4.20	ppb
Silicon	28-1	772.70	784.84	816.88	791.47	2.88	ppb
Silver	107-1	507.03	497.76	489.60	498.13	1.75	ppb
Silver	109-1	499.67	516.14	496.55	504.12	2.09	ppb
Sodium	23-2	249130.90	243133.94	246351.72	246205.52	1.22	ppb
Strontium	86-1	12280.32	12163.01	11924.45	12122.60	1.50	ppb
Strontium	88-1	12286.89	12060.48	12117.16	12154.84	0.97	ppb
Sulfur	34-1	8397.75	8702.15	9307.10	8802.33	5.26	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	486.80	481.64	503.92	490.79	2.38	ppb
Thallium	205-1	483.52	471.51	499.23	484.75	2.87	ppb
Tin	118-1	481.36	483.86	482.74	482.65	0.26	ppb
Titanium	47-1	4557.98	4786.26	4835.67	4726.63	3.13	ppb
Uranium	238-1	481.86	471.47	494.77	482.70	2.42	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	485.75	479.23	481.73	482.24	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	4978.81	4919.65	4897.21	4931.89	0.85	ppb
Zirconium	90-1	486.77	479.49	481.94	482.73	0.77	ppb
Zirconium	91-1	473.37	469.84	469.94	471.05	0.43	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.43	0.02	-0.20		ppb
Antimony	121-1	0.02	0.02	0.05	0.03	55.18	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00		ppb
Barium	135-1	0.00	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00	169.90	ppb
Beryllium	9-1	0.02	0.04	0.02	0.02	43.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.01	-0.01	0.00	2338.10	ppb
Cadmium	106-1	-2.00	-2.84	-1.49	-2.11		ppb
Cadmium	111-1	-0.15	-0.22	-0.11	-0.16		ppb
Calcium	43-1	-1.96	-1.30	-2.82	-2.03		ppb
Calcium	44-1	-0.78	-3.61	-5.39	-3.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.12	-0.07	-0.09		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.07	0.03	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	-0.74	-0.60	0.11	-0.41		ppb
Iron	56-2	-0.35	-0.29	-0.15	-0.26		ppb
Iron	57-2	-0.17	0.00	-0.40	-0.19		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	11.62	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.05	0.04	0.04	22.31	ppb
Lead	208-1	0.05	0.05	0.04	0.04	3.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.27	0.10	0.19	0.19	45.13	ppb
Manganese	55-2	-0.01	0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	38.64	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	31.13	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	15.29	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	37.47	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	16.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-27.38	-17.03	-22.93	-22.45		ppb
Potassium	39-2	23.67	18.29	19.37	20.44	13.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	82-1	0.12	0.19	-0.07	0.08	163.08	ppb
Selenium	77-2	1.24	0.00	0.00	0.41	173.21	ppb
Selenium	78-2	-0.15	-0.17	-0.52	-0.28		ppb
Silicon	28-1	-3.08	-1.93	-1.37	-2.13		ppb
Silver	107-1	0.02	0.02	0.03	0.02	11.85	ppb
Silver	109-1	0.02	0.02	0.03	0.02	19.02	ppb
Sodium	23-2	54.35	52.34	50.96	52.55	3.24	ppb
Strontium	86-1	0.01	-0.01	0.03	0.01	180.13	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	2.98	ppb
Sulfur	34-1	-705.05	-588.32	-457.34	-583.57		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	2.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	29.15	ppb
Tin	118-1	0.02	0.00	0.00	0.01	111.54	ppb
Titanium	47-1	0.00	0.02	0.02	0.02	84.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				105		%
Zinc	66-2	-0.35	-0.26	-0.11	-0.24		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	177.82	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	183.76	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9464.80	9321.74	9480.03	9422.19	0.93	ppb
Antimony	121-1	495.48	506.70	495.28	499.15	1.31	ppb
Arsenic	75-2	497.11	492.30	494.87	494.76	0.49	ppb
Barium	135-1	2381.18	2393.85	2372.13	2382.39	0.46	ppb
Barium	137-1	2407.38	2407.01	2377.03	2397.14	0.73	ppb
Beryllium	9-1	500.56	500.17	516.09	505.61	1.80	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	480.83	495.93	494.86	490.54	1.72	ppb
Cadmium	106-1	494.13	516.24	516.89	509.09	2.55	ppb
Cadmium	111-1	493.68	514.83	518.10	508.87	2.60	ppb
Calcium	43-1	64254.69	65355.42	66775.61	65461.90	1.93	ppb
Calcium	44-1	64266.51	64779.54	64406.79	64484.28	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.80	461.06	467.42	467.76	1.47	ppb
Cobalt	59-2	484.06	477.83	484.97	482.28	0.81	ppb
Copper	63-2	4753.18	4541.22	4689.65	4661.35	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	32435.91	31773.23	31796.38	32001.84	1.18	ppb
Iron	56-2	30948.31	30886.81	31227.53	31020.88	0.59	ppb
Iron	57-2	30700.39	30209.73	30479.14	30463.09	0.81	ppb
Krypton	83-1						cps
Lead	206-1	2343.58	2274.20	2363.71	2327.16	2.02	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2330.09	2302.29	2351.00	2327.79	1.05	ppb
Lead	208-1	2301.25	2292.32	2325.87	2306.48	0.75	ppb
Lithium	6-1				90		%
Magnesium	24-2	53474.08	52080.96	53040.10	52865.04	1.35	ppb
Manganese	55-2	4714.96	4709.86	4777.34	4734.05	0.79	ppb
Molybdenum	94-1	3144.92	3245.43	3092.79	3161.05	2.45	ppb
Molybdenum	95-1	2777.60	2832.41	2670.73	2760.25	2.98	ppb
Molybdenum	96-1	2803.75	2858.75	2723.55	2795.35	2.43	ppb
Molybdenum	97-1	2758.52	2834.79	2749.86	2781.06	1.68	ppb
Molybdenum	98-1	2800.13	2841.35	2751.09	2797.52	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.11	491.10	493.80	496.00	1.27	ppb
Phosphorus	31-2	72.76	52.45	53.29	59.50	19.31	ppb
Potassium	39-2	29004.98	28866.32	29072.17	28981.16	0.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	487.05	483.27	481.03	483.78	0.63	ppb
Selenium	77-2	527.51	470.96	540.62	513.03	7.22	ppb
Selenium	78-2	485.32	502.30	487.70	491.78	1.87	ppb
Silicon	28-1	4510.24	4605.93	4611.83	4576.00	1.25	ppb
Silver	107-1	374.88	386.12	302.47	354.49	12.81	ppb
Silver	109-1	357.88	395.90	299.84	351.21	13.77	ppb
Sodium	23-2	49720.38	49914.73	49231.89	49622.33	0.71	ppb
Strontium	86-1	540.44	556.99	533.22	543.55	2.24	ppb
Strontium	88-1	537.46	559.31	543.90	546.89	2.05	ppb
Sulfur	34-1	2079.44	2051.43	1986.68	2039.18	2.33	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	483.57	492.04	491.84	489.15	0.99	ppb
Thallium	205-1	489.92	473.75	492.06	485.24	2.06	ppb
Tin	118-1	468.25	475.26	467.10	470.20	0.94	ppb
Titanium	47-1	1818.25	1800.38	1810.44	1809.69	0.50	ppb
Uranium	238-1	472.32	462.24	479.66	471.41	1.85	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.83	489.46	489.76	490.02	0.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	4637.04	4559.03	4532.01	4576.02	1.19	ppb
Zirconium	90-1	479.27	484.73	479.40	481.13	0.65	ppb
Zirconium	91-1	473.99	478.21	471.48	474.56	0.72	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9598.08	9526.97	9730.04	9618.36	1.07	ppb
Antimony	121-1	513.52	502.53	508.09	508.04	1.08	ppb
Arsenic	75-2	502.10	502.68	507.14	503.97	0.55	ppb
Barium	135-1	2460.86	2400.99	2444.15	2435.33	1.27	ppb
Barium	137-1	2427.90	2418.96	2439.88	2428.91	0.43	ppb
Beryllium	9-1	512.94	515.14	521.30	516.46	0.84	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	495.10	491.43	503.01	496.51	1.19	ppb
Cadmium	106-1	504.30	505.53	517.85	509.23	1.47	ppb
Cadmium	111-1	510.16	502.22	520.91	511.10	1.84	ppb
Calcium	43-1	64779.06	64467.89	67187.15	65478.03	2.27	ppb
Calcium	44-1	63798.79	64143.81	65302.95	64415.18	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.91	474.76	480.72	476.80	0.71	ppb
Cobalt	59-2	490.55	496.84	496.54	494.64	0.72	ppb
Copper	63-2	4708.12	4684.78	4793.80	4728.90	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	32626.87	32160.77	32583.93	32457.19	0.79	ppb
Iron	56-2	31409.76	31811.22	31537.06	31586.01	0.65	ppb
Iron	57-2	30576.34	30795.52	31317.89	30896.58	1.23	ppb
Krypton	83-1						cps
Lead	206-1	2310.09	2337.11	2292.21	2313.14	0.98	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2359.61	2375.11	2326.66	2353.79	1.05	ppb
Lead	208-1	2323.23	2340.88	2317.69	2327.27	0.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	54706.92	53532.86	54932.19	54390.66	1.38	ppb
Manganese	55-2	4859.36	4709.84	4877.54	4815.58	1.91	ppb
Molybdenum	94-1	3274.19	3204.79	3208.70	3229.23	1.21	ppb
Molybdenum	95-1	2810.92	2859.81	2830.61	2833.78	0.87	ppb
Molybdenum	96-1	2855.26	2886.76	2913.25	2885.09	1.01	ppb
Molybdenum	97-1	2828.25	2887.05	2866.08	2860.46	1.04	ppb
Molybdenum	98-1	2828.27	2868.39	2765.70	2820.79	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.16	500.45	504.59	500.06	0.95	ppb
Phosphorus	31-2	53.55	55.81	89.36	66.24	30.27	ppb
Potassium	39-2	29018.00	28687.13	29087.50	28930.88	0.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	476.37	491.65	491.18	486.40	1.79	ppb
Selenium	77-2	491.12	503.77	511.98	502.29	2.09	ppb
Selenium	78-2	494.55	475.41	486.73	485.57	1.98	ppb
Silicon	28-1	4444.26	4442.24	4604.17	4496.89	2.07	ppb
Silver	107-1	397.18	401.82	392.86	397.28	1.13	ppb
Silver	109-1	432.06	417.72	331.77	393.85	13.77	ppb
Sodium	23-2	51204.51	52180.28	50930.03	51438.27	1.28	ppb
Strontium	86-1	553.39	554.08	555.96	554.47	0.24	ppb
Strontium	88-1	564.22	555.60	556.99	558.93	0.83	ppb
Sulfur	34-1	1772.53	1704.20	2026.33	1834.35	9.25	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	494.65	490.89	489.53	491.69	0.54	ppb
Thallium	205-1	498.47	502.67	493.06	498.07	0.97	ppb
Tin	118-1	478.84	471.04	484.06	477.98	1.37	ppb
Titanium	47-1	1824.28	1867.28	1824.19	1838.58	1.35	ppb
Uranium	238-1	466.12	496.05	478.35	480.17	3.13	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.95	502.76	503.68	503.13	0.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	4573.09	4655.36	4655.80	4628.08	1.03	ppb
Zirconium	90-1	494.34	500.09	499.71	498.05	0.65	ppb
Zirconium	91-1	492.09	492.10	488.09	490.76	0.47	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9471.98	9418.86	9495.27	9462.04	0.41	ppb
Antimony	121-1	526.32	503.58	519.01	516.30	2.25	ppb
Arsenic	75-2	492.27	503.12	489.05	494.81	1.49	ppb
Barium	135-1	2530.64	2422.68	2521.94	2491.75	2.41	ppb
Barium	137-1	2525.60	2437.84	2512.81	2492.08	1.90	ppb
Beryllium	9-1	510.50	508.89	507.12	508.84	0.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	499.04	504.84	505.66	503.18	0.72	ppb
Cadmium	106-1	533.86	513.76	518.16	521.93	2.02	ppb
Cadmium	111-1	523.91	518.86	528.70	523.82	0.94	ppb
Calcium	43-1	64784.27	65717.13	67784.91	66095.44	2.32	ppb
Calcium	44-1	63584.10	64915.20	64998.94	64499.41	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466.65	471.59	472.16	470.13	0.64	ppb
Cobalt	59-2	490.95	487.09	488.25	488.76	0.41	ppb
Copper	63-2	4673.29	4700.79	4716.39	4696.82	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	31347.22	31943.91	31305.75	31532.29	1.13	ppb
Iron	56-2	30984.99	31253.04	30933.96	31057.33	0.55	ppb
Iron	57-2	30760.40	30542.21	30686.31	30662.97	0.36	ppb
Krypton	83-1						cps
Lead	206-1	2383.17	2294.73	2370.12	2349.34	2.03	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2365.09	2272.06	2441.73	2359.63	3.60	ppb
Lead	208-1	2360.81	2286.63	2378.60	2342.01	2.08	ppb
Lithium	6-1				90		%
Magnesium	24-2	53294.90	52876.18	53794.74	53321.94	0.86	ppb
Manganese	55-2	4696.60	4803.77	4773.34	4757.90	1.16	ppb
Molybdenum	94-1	3245.81	3159.10	3163.32	3189.41	1.53	ppb
Molybdenum	95-1	2885.91	2770.16	2792.51	2816.19	2.18	ppb
Molybdenum	96-1	2892.66	2802.50	2829.05	2841.40	1.63	ppb
Molybdenum	97-1	2803.33	2735.56	2838.43	2792.44	1.87	ppb
Molybdenum	98-1	2878.49	2774.13	2864.86	2839.16	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.94	493.93	497.85	494.91	0.52	ppb
Phosphorus	31-2	56.27	69.03	40.72	55.34	25.61	ppb
Potassium	39-2	28914.39	28121.35	29014.00	28683.25	1.71	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	488.05	490.30	478.84	485.73	1.25	ppb
Selenium	77-2	488.90	431.75	498.47	473.04	7.63	ppb
Selenium	78-2	486.51	500.56	490.11	492.39	1.48	ppb
Silicon	28-1	4464.56	4509.46	4702.28	4558.76	2.77	ppb
Silver	107-1	518.64	421.55	362.93	434.37	18.10	ppb
Silver	109-1	336.09	279.78	348.31	321.39	11.37	ppb
Sodium	23-2	50136.64	49700.05	50723.92	50186.87	1.02	ppb
Strontium	86-1	558.38	554.08	555.99	556.15	0.39	ppb
Strontium	88-1	558.40	550.45	555.43	554.76	0.72	ppb
Sulfur	34-1	1658.98	1524.65	1832.49	1672.04	9.23	ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	492.88	483.04	497.08	491.00	1.47	ppb
Thallium	205-1	506.00	480.38	503.06	496.48	2.82	ppb
Tin	118-1	497.02	470.23	489.51	485.59	2.85	ppb
Titanium	47-1	1820.92	1844.67	1860.72	1842.10	1.09	ppb
Uranium	238-1	496.86	464.01	488.42	483.10	3.53	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	494.49	489.81	499.29	494.53	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	4546.44	4570.02	4592.47	4569.64	0.50	ppb
Zirconium	90-1	490.41	485.42	488.84	488.22	0.52	ppb
Zirconium	91-1	484.09	478.65	481.97	481.57	0.57	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1408.64	1414.18	1388.45	1403.76	0.97	ppb
Antimony	121-1	0.37	0.44	0.53	0.45	18.65	ppb
Arsenic	75-2	2.21	2.38	2.17	2.26	4.85	ppb
Barium	135-1	60.63	61.65	59.52	60.60	1.76	ppb
Barium	137-1	62.94	63.30	61.52	62.59	1.50	ppb
Beryllium	9-1	0.43	0.40	0.34	0.39	12.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.51	0.48	0.45	0.48	5.51	ppb
Cadmium	106-1	0.26	-0.04	-0.87	-0.22		ppb
Cadmium	111-1	0.32	0.26	0.17	0.25	31.08	ppb
Calcium	43-1	29620.57	30538.15	30144.30	30101.01	1.53	ppb
Calcium	44-1	29016.30	29751.70	30012.37	29593.46	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.33	2.37	2.44	2.38	2.31	ppb
Cobalt	59-2	4.78	5.08	4.88	4.92	3.10	ppb
Copper	63-2	4.90	5.02	4.77	4.90	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	54-2	3493.78	3488.27	3489.29	3490.45	0.08	ppb
Iron	56-2	3569.03	3553.55	3464.71	3529.10	1.60	ppb
Iron	57-2	3473.78	3571.02	3428.00	3490.93	2.09	ppb
Krypton	83-1						cps
Lead	206-1	3.30	3.22	2.98	3.17	5.17	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.28	3.05	2.90	3.07	6.21	ppb
Lead	208-1	3.28	3.08	2.94	3.10	5.59	ppb
Lithium	6-1				93		%
Magnesium	24-2	6825.94	6884.46	6879.21	6863.20	0.47	ppb
Manganese	55-2	1868.00	1932.53	1847.53	1882.69	2.36	ppb
Molybdenum	94-1	2.37	2.21	2.02	2.20	7.83	ppb
Molybdenum	95-1	0.94	0.74	0.61	0.76	21.95	ppb
Molybdenum	96-1	1.11	0.97	0.79	0.96	16.52	ppb
Molybdenum	97-1	0.90	0.74	0.66	0.77	15.56	ppb
Molybdenum	98-1	0.97	0.74	0.62	0.78	22.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.50	10.91	10.65	10.69	1.95	ppb
Phosphorus	31-2	319.33	360.78	356.93	345.68	6.62	ppb
Potassium	39-2	5872.93	5902.08	5769.41	5848.14	1.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	82-1	0.53	-0.11	0.08	0.17	192.71	ppb
Selenium	77-2	2.57	0.00	2.52	1.70	86.61	ppb
Selenium	78-2	1.00	0.60	0.23	0.61	63.28	ppb
Silicon	28-1	5580.24	5709.02	5673.02	5654.09	1.18	ppb
Silver	107-1	0.12	0.12	0.11	0.11	6.55	ppb
Silver	109-1	0.13	0.13	0.10	0.12	12.95	ppb
Sodium	23-2	2089.68	2096.47	2061.66	2082.60	0.89	ppb
Strontium	86-1	87.09	86.77	86.84	86.90	0.19	ppb
Strontium	88-1	86.72	87.77	86.43	86.98	0.81	ppb
Sulfur	34-1	24109.27	25245.26	23915.46	24423.33	2.94	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.21	0.21	0.23	17.13	ppb
Thallium	205-1	0.28	0.22	0.20	0.23	16.24	ppb
Tin	118-1	0.56	0.49	0.51	0.52	7.11	ppb
Titanium	47-1	28.24	27.94	28.15	28.11	0.54	ppb
Uranium	238-1	0.26	0.21	0.18	0.22	18.47	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.96	2.85	2.79	2.87	3.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	29.83	30.04	30.11	29.99	0.49	ppb
Zirconium	90-1	0.95	0.81	0.89	0.88	7.61	ppb
Zirconium	91-1	0.80	0.92	0.87	0.86	7.08	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.12	75.39	75.24	75.59	0.62	ppb
Antimony	121-1	0.08	0.09	0.15	0.10	36.35	ppb
Arsenic	75-2	1.59	1.62	1.22	1.48	15.11	ppb
Barium	135-1	123.29	123.10	123.58	123.32	0.20	ppb
Barium	137-1	127.54	126.16	126.38	126.69	0.58	ppb
Beryllium	9-1	0.09	0.10	0.12	0.10	10.62	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.15	0.18	0.37	0.23	51.74	ppb
Cadmium	106-1	-0.16	-0.50	-1.65	-0.77		ppb
Cadmium	111-1	0.11	0.02	-0.04	0.03	228.61	ppb
Calcium	43-1	50384.23	49779.03	50828.11	50330.46	1.05	ppb
Calcium	44-1	49768.33	49765.06	49512.34	49681.91	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.59	0.62	0.64	9.70	ppb
Cobalt	59-2	4.83	4.84	4.82	4.83	0.22	ppb
Copper	63-2	0.92	0.99	1.02	0.98	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	54-2	26569.29	26965.06	26666.49	26733.61	0.77	ppb
Iron	56-2	26592.82	26192.11	26803.23	26529.39	1.17	ppb
Iron	57-2	25992.62	26192.23	26008.69	26064.51	0.43	ppb
Krypton	83-1						cps
Lead	206-1	0.98	1.03	1.00	1.00	2.63	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	0.90	1.07	0.98	8.75	ppb
Lead	208-1	0.96	0.98	1.02	0.98	3.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	11308.57	11170.98	11605.33	11361.62	1.95	ppb
Manganese	55-2	4597.29	4547.37	4652.09	4598.92	1.14	ppb
Molybdenum	94-1	0.18	0.28	0.36	0.27	32.20	ppb
Molybdenum	95-1	0.16	0.15	0.22	0.18	20.74	ppb
Molybdenum	96-1	0.14	0.16	0.22	0.17	21.72	ppb
Molybdenum	97-1	0.15	0.14	0.22	0.17	26.69	ppb
Molybdenum	98-1	0.13	0.13	0.21	0.16	28.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.63	4.86	4.83	4.77	2.64	ppb
Phosphorus	31-2	8.18	-1.55	19.28	8.64	120.63	ppb
Potassium	39-2	1926.65	1938.05	1955.46	1940.05	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	-0.28	-0.06	0.52	0.06	702.07	ppb
Selenium	77-2	0.00	0.00	1.22	0.41	173.21	ppb
Selenium	78-2	1.27	2.71	0.19	1.39	91.05	ppb
Silicon	28-1	5305.47	5303.31	5379.68	5329.49	0.82	ppb
Silver	107-1	0.04	0.05	0.04	0.04	14.23	ppb
Silver	109-1	0.05	0.05	0.04	0.05	17.49	ppb
Sodium	23-2	3913.56	3929.11	3935.59	3926.08	0.29	ppb
Strontium	86-1	183.04	185.77	183.37	184.06	0.81	ppb
Strontium	88-1	188.17	186.50	189.41	188.03	0.78	ppb
Sulfur	34-1	27239.65	27118.09	27361.51	27239.75	0.45	ppb
Terbium	159-1				99		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.05	0.04	16.44	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	13.35	ppb
Tin	118-1	0.31	0.29	0.30	0.30	4.00	ppb
Titanium	47-1	0.97	0.87	0.89	0.91	6.25	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	14.78	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.16	0.14	0.14	8.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	19.72	19.80	19.85	19.79	0.33	ppb
Zirconium	90-1	0.07	0.08	0.11	0.09	24.90	ppb
Zirconium	91-1	0.09	0.08	0.14	0.10	29.16	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.68	21.95	20.16	22.60	12.45	ppb
Antimony	121-1	0.04	0.07	0.09	0.07	35.01	ppb
Arsenic	75-2	1.65	1.64	1.63	1.64	0.37	ppb
Barium	135-1	88.13	87.01	102.09	92.41	9.09	ppb
Barium	137-1	90.21	91.26	103.12	94.86	7.55	ppb
Beryllium	9-1	0.07	0.10	0.11	0.10	23.64	ppb
Bismuth	209-1				95		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.11	0.13	0.10	43.24	ppb
Cadmium	106-1	-0.83	-0.11	-0.51	-0.48		ppb
Cadmium	111-1	-0.05	0.05	0.00	0.00	3701.88	ppb
Calcium	43-1	46169.53	44990.24	51489.36	47549.71	7.28	ppb
Calcium	44-1	45095.29	45070.92	49722.07	46629.43	5.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.49	0.39	0.47	14.88	ppb
Cobalt	59-2	3.12	3.04	2.87	3.01	4.30	ppb
Copper	63-2	1.19	0.71	0.43	0.78	49.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				107		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	54-2	14793.87	14614.07	14605.34	14671.09	0.73	ppb
Iron	56-2	14901.17	14465.64	14757.41	14708.07	1.51	ppb
Iron	57-2	14655.54	14636.50	14438.70	14576.91	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.36	0.39	0.35	13.81	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.28	0.38	0.39	0.35	17.54	ppb
Lead	208-1	0.30	0.37	0.41	0.36	15.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	11407.58	11445.36	11129.28	11327.41	1.52	ppb
Manganese	55-2	3838.21	3703.70	3748.10	3763.33	1.82	ppb
Molybdenum	94-1	0.08	0.22	0.25	0.18	50.53	ppb
Molybdenum	95-1	0.06	0.15	0.18	0.13	50.36	ppb
Molybdenum	96-1	0.05	0.16	0.14	0.12	47.12	ppb
Molybdenum	97-1	0.09	0.17	0.21	0.15	38.72	ppb
Molybdenum	98-1	0.07	0.15	0.17	0.13	42.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.25	2.08	2.19	4.39	ppb
Phosphorus	31-2	1.07	-9.74	-11.76	-6.81		ppb
Potassium	39-2	2074.23	2096.64	2051.07	2073.98	1.10	ppb
Rhodium	103-1				93		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	82-1	0.59	0.33	0.71	0.55	35.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	-1.24	0.19	-0.15		ppb
Silicon	28-1	5558.38	5444.15	6273.42	5758.65	7.80	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.54	ppb
Silver	109-1	0.02	0.03	0.03	0.03	10.34	ppb
Sodium	23-2	5045.49	4873.29	4722.18	4880.32	3.31	ppb
Strontium	86-1	191.22	189.70	208.68	196.53	5.37	ppb
Strontium	88-1	195.63	189.14	219.66	201.48	7.98	ppb
Sulfur	34-1	27376.34	26771.54	31348.26	28498.71	8.72	ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.04	0.04	22.50	ppb
Thallium	205-1	0.03	0.05	0.05	0.04	24.08	ppb
Tin	118-1	0.44	0.48	0.49	0.47	5.22	ppb
Titanium	47-1	0.67	0.62	0.82	0.70	14.41	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	55.62	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.10	0.09	0.04	0.08	38.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				105		%
Zinc	66-2	11.08	10.73	10.95	10.92	1.59	ppb
Zirconium	90-1	0.03	0.05	0.08	0.05	47.90	ppb
Zirconium	91-1	0.00	0.04	0.06	0.04	82.59	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2417.97	2525.98	2408.18	2450.71	2.67	ppb
Antimony	121-1	0.06	0.08	0.09	0.08	25.16	ppb
Arsenic	75-2	3.42	3.72	3.34	3.49	5.75	ppb
Barium	135-1	34.36	33.80	34.07	34.08	0.83	ppb
Barium	137-1	34.74	34.76	34.92	34.81	0.28	ppb
Beryllium	9-1	1.30	1.34	1.31	1.32	1.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.65	0.81	0.62	0.70	14.85	ppb
Cadmium	106-1	-0.63	0.49	-0.45	-0.19		ppb
Cadmium	111-1	0.83	0.86	0.74	0.81	7.80	ppb
Calcium	43-1	70720.74	70185.81	70514.96	70473.83	0.38	ppb
Calcium	44-1	70170.88	69589.63	70485.18	70081.90	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.57	1.42	1.37	1.45	7.17	ppb
Cobalt	59-2	63.76	64.01	64.08	63.95	0.26	ppb
Copper	63-2	12.07	11.98	12.26	12.10	1.20	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	30433.52	30676.10	31319.45	30809.69	1.49	ppb
Iron	56-2	30114.05	30071.21	30671.56	30285.61	1.11	ppb
Iron	57-2	29443.77	30161.09	30074.38	29893.08	1.31	ppb
Krypton	83-1						cps
Lead	206-1	2.31	2.34	2.30	2.32	0.71	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.17	2.24	2.14	2.18	2.34	ppb
Lead	208-1	2.21	2.25	2.17	2.21	1.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	13179.04	13530.26	13703.07	13470.79	1.98	ppb
Manganese	55-2	9403.87	9392.76	9615.31	9470.65	1.32	ppb
Molybdenum	94-1	0.44	1.12	0.50	0.69	54.42	ppb
Molybdenum	95-1	0.07	0.18	0.07	0.11	58.66	ppb
Molybdenum	96-1	0.14	0.22	0.15	0.17	27.82	ppb
Molybdenum	97-1	0.08	0.18	0.08	0.11	53.12	ppb
Molybdenum	98-1	0.08	0.16	0.06	0.10	51.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.36	75.84	74.62	75.28	0.82	ppb
Phosphorus	31-2	27.64	8.25	5.06	13.65	89.54	ppb
Potassium	39-2	2216.81	2220.65	2263.23	2233.57	1.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	-0.21	-0.05	0.12	-0.05		ppb
Selenium	77-2	3.68	1.22	6.11	3.67	66.60	ppb
Selenium	78-2	2.33	0.18	0.90	1.14	96.23	ppb
Silicon	28-1	8879.91	8852.33	8774.02	8835.42	0.62	ppb
Silver	107-1	0.01	0.03	0.01	0.02	53.54	ppb
Silver	109-1	0.02	0.51	0.01	0.18	158.98	ppb
Sodium	23-2	2324.80	2345.19	2325.85	2331.94	0.49	ppb
Strontium	86-1	236.72	227.71	237.13	233.85	2.28	ppb
Strontium	88-1	242.60	232.02	236.09	236.91	2.25	ppb
Sulfur	34-1	81484.01	81868.99	80524.70	81292.57	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.72	0.74	0.70	0.72	3.07	ppb
Thallium	205-1	0.73	0.75	0.75	0.74	1.68	ppb
Tin	118-1	0.33	0.35	0.33	0.34	3.65	ppb
Titanium	47-1	9.65	11.35	7.32	9.44	21.41	ppb
Uranium	238-1	0.22	0.24	0.23	0.23	3.84	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.46	1.57	1.52	1.52	3.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	154.99	159.69	154.21	156.30	1.90	ppb
Zirconium	90-1	0.20	0.23	0.20	0.21	7.75	ppb
Zirconium	91-1	0.23	0.21	0.22	0.22	4.18	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.13	6.55	6.46	8.05	33.19	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	10.31	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	198.83	ppb
Barium	135-1	0.20	0.24	0.17	0.20	17.78	ppb
Barium	137-1	0.23	0.24	0.23	0.23	2.58	ppb
Beryllium	9-1	0.04	0.03	0.03	0.04	5.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.18	-0.01	0.02	0.06	160.85	ppb
Cadmium	106-1	-0.66	0.33	-0.69	-0.34		ppb
Cadmium	111-1	-0.04	0.04	-0.04	-0.02		ppb
Calcium	43-1	52.36	99.12	33.63	61.70	54.66	ppb
Calcium	44-1	53.79	99.81	39.07	64.22	49.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.40	0.32	0.39	15.51	ppb
Cobalt	59-2	0.05	0.01	0.00	0.02	105.40	ppb
Copper	63-2	0.51	0.55	0.55	0.54	4.55	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				99		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	54-2	34.91	21.22	20.50	25.54	31.77	ppb
Iron	56-2	36.35	21.02	20.30	25.89	35.01	ppb
Iron	57-2	38.55	21.31	19.09	26.32	40.49	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.25	0.25	1.33	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.26	0.25	0.25	0.25	3.51	ppb
Lead	208-1	0.26	0.25	0.26	0.26	3.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	11.34	4.94	4.01	6.76	59.03	ppb
Manganese	55-2	6.60	1.95	1.86	3.47	78.22	ppb
Molybdenum	94-1	0.08	0.05	0.05	0.06	29.31	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	37.63	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.02	49.47	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	17.51	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	44.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.20	0.23	0.24	17.06	ppb
Phosphorus	31-2	-5.55	-19.12	-19.19	-14.62		ppb
Potassium	39-2	31.46	28.33	26.03	28.61	9.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	82-1	-0.28	0.02	-0.06	-0.11		ppb
Selenium	77-2	2.45	1.20	1.22	1.62	44.24	ppb
Selenium	78-2	-0.88	0.16	0.89	0.06	1602.26	ppb
Silicon	28-1	34.16	44.13	34.92	37.74	14.71	ppb
Silver	107-1	0.02	0.03	0.01	0.02	66.40	ppb
Silver	109-1	0.02	0.04	0.01	0.02	65.99	ppb
Sodium	23-2	54.42	52.87	51.89	53.06	2.41	ppb
Strontium	86-1	0.19	0.32	0.10	0.20	55.59	ppb
Strontium	88-1	0.14	0.27	0.07	0.16	61.57	ppb
Sulfur	34-1	-354.05	-239.24	-294.14	-295.81		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.01	0.02	21.91	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	33.40	ppb
Tin	118-1	0.30	0.29	0.33	0.31	6.52	ppb
Titanium	47-1	0.33	0.36	0.34	0.34	3.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.02	0.01	77.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	7.32	7.76	7.91	7.66	4.05	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	11.51	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	42.70	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.79	3.19	3.04	3.34	11.92	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	28.68	ppb
Arsenic	75-2	0.04	0.01	0.04	0.03	44.66	ppb
Barium	135-1	0.07	0.08	0.05	0.06	18.06	ppb
Barium	137-1	0.06	0.07	0.06	0.07	4.71	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	23.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.08	0.02	0.05	60.99	ppb
Cadmium	106-1	-1.75	-1.93	-0.49	-1.39		ppb
Cadmium	111-1	-0.13	-0.14	-0.02	-0.10		ppb
Calcium	43-1	17.32	16.54	14.85	16.23	7.77	ppb
Calcium	44-1	17.72	17.47	17.55	17.58	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.07	0.13	0.12	42.23	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	113.25	ppb
Copper	63-2	1.88	1.87	1.89	1.88	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	54-2	7.33	8.29	7.72	7.78	6.17	ppb
Iron	56-2	6.27	6.46	5.84	6.19	5.13	ppb
Iron	57-2	5.79	5.74	6.40	5.98	6.21	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.16	0.17	0.18	11.49	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.21	0.17	0.20	10.54	ppb
Lead	208-1	0.20	0.18	0.18	0.19	5.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.14	1.35	1.26	1.25	8.44	ppb
Manganese	55-2	1.92	1.68	1.98	1.86	8.67	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	32.68	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	26.77	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	76.57	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	32.65	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.02	17.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.59	0.58	0.57	5.95	ppb
Phosphorus	31-2	-10.95	1.14	-12.85	-7.55		ppb
Potassium	39-2	18.94	19.91	18.65	19.17	3.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	0.19	-0.55	-0.06	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	-0.19	0.15	-0.08		ppb
Silicon	28-1	24.28	23.36	27.56	25.07	8.81	ppb
Silver	107-1	0.01	0.00	0.00	0.01	85.89	ppb
Silver	109-1	0.00	0.01	0.00	0.01	19.98	ppb
Sodium	23-2	44.44	45.83	43.69	44.65	2.43	ppb
Strontium	86-1	0.08	0.03	0.02	0.05	75.86	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	12.69	ppb
Sulfur	34-1	-670.77	-1085.07	-1068.84	-941.56		ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.33	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	61.40	ppb
Tin	118-1	0.25	0.25	0.30	0.27	11.14	ppb
Titanium	47-1	0.17	0.24	0.25	0.22	21.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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				102		%
Yttrium	89-2				109		%
Zinc	66-2	5.81	5.81	5.54	5.72	2.77	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.53	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	500.25	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.98	5.89	4.39	5.42	16.51	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	43.13	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.01	202.56	ppb
Barium	135-1	0.34	0.28	0.30	0.31	10.19	ppb
Barium	137-1	0.35	0.28	0.34	0.32	11.90	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	18.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.05	0.12	0.07	50.29	ppb
Cadmium	106-1	-1.02	-1.38	-0.95	-1.12		ppb
Cadmium	111-1	-0.08	-0.10	-0.07	-0.08		ppb
Calcium	43-1	30.52	27.07	27.80	28.46	6.40	ppb
Calcium	44-1	26.49	26.53	32.16	28.39	11.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.34	0.36	0.32	15.51	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.21	0.19	0.18	0.19	7.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	54-2	8.03	7.67	7.77	7.82	2.35	ppb
Iron	56-2	7.02	6.91	6.89	6.94	1.01	ppb
Iron	57-2	6.20	6.59	5.53	6.10	8.77	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.17	0.22	0.19	12.38	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.19	0.20	0.18	9.17	ppb
Lead	208-1	0.18	0.18	0.19	0.18	5.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.23	1.88	2.00	2.04	8.82	ppb
Manganese	55-2	1.28	1.50	1.20	1.33	11.54	ppb
Molybdenum	94-1	0.05	0.03	0.05	0.04	24.45	ppb
Molybdenum	95-1	0.02	0.02	0.04	0.03	49.99	ppb
Molybdenum	96-1	0.01	0.04	0.03	0.02	49.64	ppb
Molybdenum	97-1	0.02	0.02	0.05	0.03	59.30	ppb
Molybdenum	98-1	0.02	0.02	0.05	0.03	45.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.12	0.16	21.85	ppb
Phosphorus	31-2	-11.97	-10.57	-8.72	-10.42		ppb
Potassium	39-2	25.92	28.30	24.46	26.23	7.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	82-1	-0.06	-0.02	-0.02	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	0.15	-0.19	0.15	227.32	ppb
Silicon	28-1	25.27	27.56	34.44	29.09	16.42	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.04	ppb
Silver	109-1	0.01	0.01	0.01	0.01	46.81	ppb
Sodium	23-2	46.77	46.75	44.93	46.15	2.29	ppb
Strontium	86-1	0.09	0.12	0.02	0.08	68.03	ppb
Strontium	88-1	0.04	0.03	0.05	0.04	22.53	ppb
Sulfur	34-1	-766.36	-749.28	-512.81	-676.15		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	23.32	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	76.34	ppb
Tin	118-1	0.27	0.29	0.32	0.29	9.00	ppb
Titanium	47-1	0.36	0.36	0.41	0.38	8.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	286.30	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				109		%
Zinc	66-2	11.79	12.12	11.52	11.81	2.57	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	61.45	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	47.13	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52112.52	50210.08	50988.77	51103.79	1.87	ppb
Antimony	121-1	477.64	492.03	479.64	483.10	1.61	ppb
Arsenic	75-2	481.10	475.14	477.28	477.84	0.63	ppb
Barium	135-1	2411.29	2526.67	2427.67	2455.21	2.54	ppb
Barium	137-1	2372.02	2504.37	2501.15	2459.18	3.07	ppb
Beryllium	9-1	483.69	482.96	500.60	489.08	2.04	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	467.31	478.61	482.26	476.06	1.64	ppb
Cadmium	106-1	460.10	475.11	475.27	470.16	1.85	ppb
Cadmium	111-1	464.36	482.80	485.75	477.63	2.43	ppb
Calcium	43-1	254929.62	254738.01	254411.03	254692.89	0.10	ppb
Calcium	44-1	250058.01	253346.02	251961.72	251788.58	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.99	458.92	459.60	461.17	0.72	ppb
Cobalt	59-2	479.84	472.33	471.93	474.70	0.94	ppb
Copper	63-2	4886.28	4784.10	4822.13	4830.83	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	54-2	125936.38	122391.99	124174.75	124167.71	1.43	ppb
Iron	56-2	126303.15	121390.52	125776.68	124490.12	2.17	ppb
Iron	57-2	127780.79	125603.45	124186.10	125856.78	1.44	ppb
Krypton	83-1						cps
Lead	206-1	2384.86	2330.33	2343.21	2352.80	1.21	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2356.84	2384.04	2352.35	2364.41	0.73	ppb
Lead	208-1	2370.39	2374.69	2361.03	2368.70	0.29	ppb
Lithium	6-1				88		%
Magnesium	24-2	245722.73	241944.21	245675.81	244447.58	0.89	ppb
Manganese	55-2	4865.71	4693.48	4694.38	4751.19	2.09	ppb
Molybdenum	94-1	4675.06	4807.62	4675.39	4719.36	1.62	ppb
Molybdenum	95-1	4677.94	4763.75	4796.18	4745.96	1.29	ppb
Molybdenum	96-1	4737.53	4784.15	4652.26	4724.65	1.42	ppb
Molybdenum	97-1	4650.32	4831.83	4756.10	4746.08	1.92	ppb
Molybdenum	98-1	4768.82	4818.68	4828.36	4805.29	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.75	482.68	483.39	485.28	0.80	ppb
Phosphorus	31-2	9471.85	9356.48	9349.88	9392.73	0.73	ppb
Potassium	39-2	120644.52	117644.76	120122.07	119470.45	1.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	461.74	482.78	481.67	475.40	2.49	ppb
Selenium	77-2	481.08	508.33	523.39	504.27	4.25	ppb
Selenium	78-2	478.22	474.74	498.55	483.84	2.66	ppb
Silicon	28-1	779.40	798.92	790.76	789.69	1.24	ppb
Silver	107-1	471.62	488.83	493.64	484.69	2.39	ppb
Silver	109-1	487.82	501.92	510.77	500.17	2.31	ppb
Sodium	23-2	248909.13	240533.95	241695.69	243712.92	1.86	ppb
Strontium	86-1	11765.88	12220.42	12047.83	12011.38	1.91	ppb
Strontium	88-1	11668.39	12054.91	12079.84	11934.38	1.93	ppb
Sulfur	34-1	8220.34	7977.49	7643.46	7947.10	3.64	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	495.06	478.08	476.94	483.36	2.10	ppb
Thallium	205-1	485.24	476.04	474.35	478.55	1.22	ppb
Tin	118-1	482.59	504.86	495.18	494.21	2.26	ppb
Titanium	47-1	4752.09	4700.09	4586.02	4679.40	1.82	ppb
Uranium	238-1	485.21	475.02	463.12	474.45	2.33	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	476.01	466.31	471.33	471.22	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	4795.02	4687.35	4724.58	4735.65	1.15	ppb
Zirconium	90-1	465.09	473.03	477.04	471.72	1.29	ppb
Zirconium	91-1	459.36	471.49	468.15	466.33	1.34	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	1.13	0.25	0.42	152.86	ppb
Antimony	121-1	0.05	0.06	0.09	0.06	31.33	ppb
Arsenic	75-2	-0.01	0.04	-0.01	0.01	391.27	ppb
Barium	135-1	0.06	0.03	0.01	0.03	72.83	ppb
Barium	137-1	0.04	0.06	0.05	0.05	15.89	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	9.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.08	-0.04	0.05	158.39	ppb
Cadmium	106-1	-4.16	-2.81	-2.84	-3.27		ppb
Cadmium	111-1	-0.29	-0.21	-0.21	-0.24		ppb
Calcium	43-1	3.05	1.69	0.34	1.69	79.89	ppb
Calcium	44-1	13.72	11.03	4.72	9.83	47.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.08	-0.04	-0.07		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.13	0.03	0.06	99.69	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				101		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				107		%
Iron	54-2	-1.25	1.41	0.52	0.23	594.18	ppb
Iron	56-2	-0.01	1.95	1.22	1.05	94.21	ppb
Iron	57-2	0.14	2.07	0.25	0.82	132.11	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.09	0.12	22.92	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.13	0.10	0.13	16.09	ppb
Lead	208-1	0.14	0.13	0.09	0.12	19.81	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.86	4.00	3.62	2.83	60.71	ppb
Manganese	55-2	0.01	0.16	0.06	0.08	104.24	ppb
Molybdenum	94-1	0.14	0.11	0.10	0.12	16.03	ppb
Molybdenum	95-1	0.17	0.10	0.05	0.11	55.08	ppb
Molybdenum	96-1	0.18	0.09	0.06	0.11	58.77	ppb
Molybdenum	97-1	0.15	0.09	0.06	0.10	45.09	ppb
Molybdenum	98-1	0.16	0.13	0.08	0.12	33.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-13.66	-35.12	-21.24	-23.34		ppb
Potassium	39-2	29.69	31.30	30.01	30.33	2.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	0.59	-0.28	-0.17	0.05	998.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.52	0.88	-0.06		ppb
Silicon	28-1	-2.67	-4.38	-5.20	-4.09		ppb
Silver	107-1	0.23	0.02	0.02	0.09	131.91	ppb
Silver	109-1	0.24	0.02	0.02	0.09	132.59	ppb
Sodium	23-2	61.77	71.37	68.64	67.26	7.36	ppb
Strontium	86-1	0.34	0.25	0.19	0.26	29.67	ppb
Strontium	88-1	0.35	0.33	0.15	0.28	39.52	ppb
Sulfur	34-1	-870.57	-1033.31	-862.72	-922.20		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.02	0.02	36.70	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	21.72	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	1138.62	ppb
Titanium	47-1	0.09	0.07	0.02	0.06	65.29	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	55.92	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	-0.01	0.14	0.13	0.09	97.97	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	14.99	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	88.86	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72039.41	70590.21	70405.88	71011.83	1.26	ppb
Antimony	121-1	1.20	1.18	1.14	1.17	2.49	ppb
Arsenic	75-2	73.28	71.71	72.64	72.54	1.09	ppb
Barium	135-1	825.15	827.22	845.47	832.62	1.34	ppb
Barium	137-1	864.01	875.66	892.83	877.50	1.65	ppb
Beryllium	9-1	7.71	7.67	7.65	7.68	0.34	ppb
Bismuth	209-1				100		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	6.99	5.54	6.31	6.28	11.51	ppb
Cadmium	106-1	7.31	5.77	7.22	6.77	12.81	ppb
Cadmium	111-1	6.68	6.63	6.92	6.74	2.34	ppb
Calcium	43-1	50381.08	50700.18	51508.06	50863.11	1.14	ppb
Calcium	44-1	51013.07	50546.03	51010.73	50856.61	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.62	121.37	121.33	122.44	1.54	ppb
Cobalt	59-2	108.04	106.86	106.92	107.27	0.62	ppb
Copper	63-2	290.08	285.22	283.19	286.17	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				110		%
Iron	54-2	148404.93	149821.60	148495.19	148907.24	0.53	ppb
Iron	56-2	148041.88	148465.79	149418.61	148642.09	0.47	ppb
Iron	57-2	149008.12	146208.27	146229.26	147148.55	1.09	ppb
Krypton	83-1						cps
Lead	206-1	502.40	500.05	516.59	506.35	1.77	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	488.84	489.10	480.35	486.10	1.02	ppb
Lead	208-1	495.36	493.28	499.42	496.02	0.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	20821.60	20223.59	19868.73	20304.64	2.37	ppb
Manganese	55-2	2845.48	2910.01	2969.66	2908.39	2.14	ppb
Molybdenum	94-1	19.00	19.62	19.90	19.51	2.35	ppb
Molybdenum	95-1	3.43	3.57	3.54	3.51	2.08	ppb
Molybdenum	96-1	5.33	5.37	5.43	5.38	0.89	ppb
Molybdenum	97-1	3.60	3.66	3.59	3.61	1.15	ppb
Molybdenum	98-1	3.56	3.57	3.54	3.56	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.68	248.98	247.02	248.89	0.74	ppb
Phosphorus	31-2	3956.70	3658.91	3706.93	3774.18	4.24	ppb
Potassium	39-2	16059.46	15720.19	15372.84	15717.49	2.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				120		%
Selenium	82-1	6.99	7.90	7.66	7.52	6.29	ppb
Selenium	77-2	111.27	107.15	104.74	107.72	3.06	ppb
Selenium	78-2	23.45	21.63	23.24	22.77	4.38	ppb
Silicon	28-1	67912.48	66683.93	69125.44	67907.28	1.80	ppb
Silver	107-1	1.33	1.40	1.38	1.37	2.46	ppb
Silver	109-1	1.35	1.39	1.45	1.39	3.75	ppb
Sodium	23-2	1570.84	1534.88	1545.62	1550.45	1.19	ppb
Strontium	86-1	174.45	176.97	177.16	176.20	0.86	ppb
Strontium	88-1	179.44	178.29	178.68	178.80	0.33	ppb
Sulfur	34-1	41514.20	40883.89	43332.42	41910.17	3.03	ppb
Terbium	159-1				105		%
Terbium	159-2				113		%
Thallium	203-1	4.31	4.22	4.25	4.26	1.06	ppb
Thallium	205-1	4.22	4.23	4.37	4.27	1.93	ppb
Tin	118-1	4.34	4.28	4.42	4.35	1.57	ppb
Titanium	47-1	847.31	849.81	868.64	855.25	1.36	ppb
Uranium	238-1	6.41	6.39	6.40	6.40	0.15	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	130.51	131.85	130.53	130.96	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				133		%
Zinc	66-2	1252.34	1244.60	1238.25	1245.06	0.57	ppb
Zirconium	90-1	9.13	9.10	9.51	9.25	2.53	ppb
Zirconium	91-1	9.13	9.07	9.22	9.14	0.83	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15721.94	15212.95	15303.30	15412.73	1.76	ppb
Antimony	121-1	0.25	0.29	0.30	0.28	10.25	ppb
Arsenic	75-2	17.10	18.01	17.25	17.46	2.79	ppb
Barium	135-1	178.15	175.35	180.38	177.96	1.42	ppb
Barium	137-1	179.83	182.00	182.74	181.52	0.83	ppb
Beryllium	9-1	1.58	1.60	1.67	1.62	3.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	1.39	1.51	1.87	1.59	15.66	ppb
Cadmium	106-1	-0.51	-0.62	-0.92	-0.68		ppb
Cadmium	111-1	1.25	1.35	1.32	1.31	3.95	ppb
Calcium	43-1	10802.30	11202.19	10757.97	10920.82	2.24	ppb
Calcium	44-1	10818.50	11180.27	11091.29	11030.02	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.06	26.57	26.53	26.72	1.11	ppb
Cobalt	59-2	24.43	23.41	23.45	23.76	2.42	ppb
Copper	63-2	64.93	63.26	64.11	64.10	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	33124.80	32659.68	32606.00	32796.83	0.87	ppb
Iron	56-2	33463.29	32499.96	32467.32	32810.19	1.72	ppb
Iron	57-2	32784.55	31981.59	32187.69	32317.94	1.29	ppb
Krypton	83-1						cps
Lead	206-1	101.52	100.98	104.31	102.27	1.75	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	98.94	97.44	100.30	98.89	1.45	ppb
Lead	208-1	99.56	98.74	100.78	99.69	1.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	4536.72	4412.79	4388.20	4445.91	1.79	ppb
Manganese	55-2	639.81	620.78	620.89	627.16	1.75	ppb
Molybdenum	94-1	4.45	5.00	4.86	4.77	6.02	ppb
Molybdenum	95-1	0.91	1.28	1.14	1.11	16.62	ppb
Molybdenum	96-1	1.25	1.59	1.52	1.45	12.49	ppb
Molybdenum	97-1	0.92	1.20	1.15	1.09	13.76	ppb
Molybdenum	98-1	0.91	1.22	1.13	1.09	14.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.73	53.92	53.39	54.35	2.26	ppb
Phosphorus	31-2	872.54	796.35	826.12	831.67	4.62	ppb
Potassium	39-2	3419.42	3337.88	3355.48	3370.93	1.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	1.98	2.11	2.41	2.16	10.19	ppb
Selenium	77-2	19.51	24.26	18.57	20.78	14.67	ppb
Selenium	78-2	4.10	6.49	5.85	5.48	22.54	ppb
Silicon	28-1	14753.76	14883.57	14514.04	14717.12	1.27	ppb
Silver	107-1	0.29	0.29	0.30	0.29	2.20	ppb
Silver	109-1	0.30	0.33	0.31	0.31	5.78	ppb
Sodium	23-2	383.23	374.13	367.30	374.89	2.13	ppb
Strontium	86-1	41.63	41.80	41.80	41.75	0.24	ppb
Strontium	88-1	42.23	42.32	41.50	42.01	1.07	ppb
Sulfur	34-1	7940.27	8285.04	7733.43	7986.25	3.49	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.88	0.89	1.00	0.93	7.28	ppb
Thallium	205-1	0.93	0.95	0.96	0.95	1.40	ppb
Tin	118-1	0.88	0.91	0.92	0.90	2.40	ppb
Titanium	47-1	182.87	182.20	180.85	181.97	0.56	ppb
Uranium	238-1	1.34	1.33	1.33	1.33	0.21	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	28.56	27.71	28.15	28.14	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	282.77	277.61	275.15	278.51	1.40	ppb
Zirconium	90-1	2.13	2.20	2.20	2.18	1.79	ppb
Zirconium	91-1	2.10	2.16	2.07	2.11	2.02	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.22	17.19	12.50	14.97	15.71	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	7.04	ppb
Arsenic	75-2	0.09	0.04	-0.01	0.04	122.75	ppb
Barium	135-1	0.60	0.66	0.67	0.65	5.75	ppb
Barium	137-1	0.55	0.71	0.53	0.60	16.19	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	38.04	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.18	0.09	0.09	110.91	ppb
Cadmium	106-1	-2.50	-1.19	-2.98	-2.22		ppb
Cadmium	111-1	-0.18	-0.08	-0.22	-0.16		ppb
Calcium	43-1	43.71	39.66	39.40	40.93	5.90	ppb
Calcium	44-1	54.53	56.84	55.68	55.68	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.12	0.17	0.16	22.64	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.10	ppb
Copper	63-2	0.63	0.67	0.63	0.64	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	54-2	37.18	34.77	27.78	33.24	14.69	ppb
Iron	56-2	36.54	33.26	30.12	33.31	9.64	ppb
Iron	57-2	39.12	31.52	29.33	33.32	15.41	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.83	0.82	0.84	2.19	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.80	0.82	0.80	0.81	1.07	ppb
Lead	208-1	0.82	0.81	0.80	0.81	1.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	7.16	5.67	4.76	5.86	20.71	ppb
Manganese	55-2	1.35	1.27	1.27	1.29	3.81	ppb
Molybdenum	94-1	0.13	0.13	0.11	0.12	10.29	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	8.35	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.08	7.94	ppb
Molybdenum	97-1	0.10	0.10	0.09	0.10	9.70	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.09	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.27	0.20	0.25	16.48	ppb
Phosphorus	31-2	-18.60	-7.45	-21.22	-15.76		ppb
Potassium	39-2	29.68	23.82	25.28	26.26	11.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				108		%
Selenium	82-1	0.27	0.23	-0.06	0.14	123.00	ppb
Selenium	77-2	2.40	1.21	0.00	1.20	99.65	ppb
Selenium	78-2	0.51	0.88	-0.20	0.40	137.64	ppb
Silicon	28-1	74.30	80.58	76.01	76.96	4.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.82	ppb
Silver	109-1	0.02	0.01	0.01	0.01	40.48	ppb
Sodium	23-2	58.63	58.99	55.65	57.76	3.18	ppb
Strontium	86-1	0.26	0.23	0.22	0.24	9.95	ppb
Strontium	88-1	0.30	0.28	0.25	0.28	9.53	ppb
Sulfur	34-1	-4201.74	-4189.81	-4352.09	-4247.88		ppb
Terbium	159-1				97		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.00	0.01	73.28	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.67	ppb
Tin	118-1	0.30	0.33	0.34	0.33	5.79	ppb
Titanium	47-1	0.65	0.77	0.67	0.69	9.28	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	27.66	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.03	0.04	0.03	16.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				108		%
Zinc	66-2	3.44	3.26	3.40	3.37	2.69	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	12.98	ppb
Zirconium	91-1	0.02	0.05	0.01	0.03	68.88	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.60	7.57	5.34	6.83	18.99	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.39	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.01	198.90	ppb
Barium	135-1	0.19	0.17	0.23	0.19	16.62	ppb
Barium	137-1	0.13	0.11	0.15	0.13	13.01	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	18.35	ppb
Bismuth	209-1				97		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.05	0.08	0.04	114.05	ppb
Cadmium	106-1	-3.51	-3.79	-3.60	-3.63		ppb
Cadmium	111-1	-0.25	-0.27	-0.26	-0.26		ppb
Calcium	43-1	18.57	16.16	19.66	18.13	9.86	ppb
Calcium	44-1	35.64	33.23	32.76	33.88	4.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.17	0.18	0.16	10.41	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	103.61	ppb
Copper	63-2	0.35	0.40	0.36	0.37	7.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				109		%
Iron	54-2	11.71	12.76	12.80	12.42	4.97	ppb
Iron	56-2	12.09	11.95	12.24	12.09	1.19	ppb
Iron	57-2	15.09	13.45	12.71	13.75	8.86	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.24	0.27	0.27	7.89	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.26	0.26	0.28	0.26	3.88	ppb
Lead	208-1	0.26	0.25	0.28	0.27	5.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.80	2.87	3.29	2.98	8.97	ppb
Manganese	55-2	3.32	3.13	3.15	3.20	3.28	ppb
Molybdenum	94-1	0.05	0.04	0.01	0.03	64.60	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	2.57	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	32.81	ppb
Molybdenum	97-1	0.02	0.01	0.05	0.03	77.26	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	13.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.97	14.87	15.66	15.17	2.82	ppb
Phosphorus	31-2	-18.24	-8.84	-14.60	-13.89		ppb
Potassium	39-2	30.38	32.52	27.55	30.15	8.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				109		%
Selenium	82-1	-0.27	1.08	0.48	0.43	157.80	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.88	-0.89	-0.19	-0.65		ppb
Silicon	28-1	21.68	23.45	25.01	23.38	7.14	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.01	0.00	63.53	ppb
Sodium	23-2	62.70	62.59	63.36	62.88	0.66	ppb
Strontium	86-1	0.07	0.06	0.05	0.06	18.86	ppb
Strontium	88-1	0.06	0.05	0.06	0.05	10.75	ppb
Sulfur	34-1	-4157.08	-4102.24	-4100.80	-4120.04		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.21	0.23	0.26	0.23	10.37	ppb
Titanium	47-1	0.37	0.21	0.36	0.31	29.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.02	0.01	75.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	5.47	5.68	5.91	5.69	3.87	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.21	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	5.17	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50985.92	50349.95	50031.04	50455.63	0.96	ppb
Antimony	121-1	482.19	468.42	487.41	479.34	2.05	ppb
Arsenic	75-2	473.52	473.89	468.68	472.03	0.62	ppb
Barium	135-1	2382.05	2419.09	2474.09	2425.08	1.91	ppb
Barium	137-1	2466.80	2413.65	2483.15	2454.53	1.48	ppb
Beryllium	9-1	506.84	481.61	480.54	489.66	3.04	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	479.30	468.43	489.62	479.12	2.21	ppb
Cadmium	106-1	461.53	461.62	478.35	467.16	2.07	ppb
Cadmium	111-1	473.21	466.98	485.55	475.25	1.99	ppb
Calcium	43-1	252538.20	252766.19	248467.34	251257.24	0.96	ppb
Calcium	44-1	250052.44	251548.35	252987.84	251529.54	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451.85	458.04	453.17	454.35	0.72	ppb
Cobalt	59-2	469.40	474.79	468.20	470.79	0.75	ppb
Copper	63-2	4757.96	4743.20	4672.66	4724.60	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	54-2	122375.42	121637.07	124322.73	122778.41	1.13	ppb
Iron	56-2	124895.72	122150.31	125390.27	124145.43	1.41	ppb
Iron	57-2	122964.59	122187.33	121657.22	122269.71	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2490.65	2373.39	2406.49	2423.51	2.49	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2451.69	2361.88	2449.00	2420.86	2.11	ppb
Lead	208-1	2439.22	2363.58	2444.28	2415.69	1.87	ppb
Lithium	6-1				90		%
Magnesium	24-2	244606.43	241464.95	244658.90	243576.76	0.75	ppb
Manganese	55-2	4728.78	4638.84	4757.24	4708.29	1.31	ppb
Molybdenum	94-1	4833.39	4607.81	4837.27	4759.49	2.76	ppb
Molybdenum	95-1	4772.54	4740.78	4759.93	4757.75	0.34	ppb
Molybdenum	96-1	4705.49	4852.43	4731.68	4763.20	1.65	ppb
Molybdenum	97-1	4746.16	4669.18	4824.93	4746.76	1.64	ppb
Molybdenum	98-1	4664.31	4721.37	4833.86	4739.85	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.47	478.02	475.45	476.98	0.28	ppb
Phosphorus	31-2	9522.73	9312.24	9190.76	9341.91	1.80	ppb
Potassium	39-2	116271.89	119308.97	116598.35	117393.07	1.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	477.09	469.30	473.97	473.45	0.83	ppb
Selenium	77-2	504.95	474.19	497.90	492.35	3.27	ppb
Selenium	78-2	465.31	472.72	470.31	469.45	0.80	ppb
Silicon	28-1	776.63	779.85	773.49	776.66	0.41	ppb
Silver	107-1	492.79	492.75	508.98	498.17	1.88	ppb
Silver	109-1	499.98	492.08	506.98	499.68	1.49	ppb
Sodium	23-2	244986.86	242551.51	239695.35	242411.24	1.09	ppb
Strontium	86-1	11711.65	12075.36	12121.32	11969.44	1.88	ppb
Strontium	88-1	12171.04	12060.92	11985.47	12072.48	0.77	ppb
Sulfur	34-1	7401.68	7318.51	7625.76	7448.65	2.13	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	491.58	481.00	487.26	486.61	1.09	ppb
Thallium	205-1	492.51	486.59	494.31	491.14	0.82	ppb
Tin	118-1	473.51	472.34	482.36	476.07	1.15	ppb
Titanium	47-1	4672.07	4695.11	4775.15	4714.11	1.15	ppb
Uranium	238-1	469.37	474.31	483.45	475.71	1.50	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	465.17	464.89	468.64	466.23	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4690.46	4733.47	4647.38	4690.44	0.92	ppb
Zirconium	90-1	472.59	474.80	481.72	476.37	1.00	ppb
Zirconium	91-1	468.99	467.21	471.93	469.38	0.51	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	0.88	0.88	0.90	3.20	ppb
Antimony	121-1	0.06	0.08	0.12	0.09	30.55	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.11	0.08	0.07	0.09	22.47	ppb
Barium	137-1	0.06	0.07	0.07	0.07	11.14	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	14.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.17	0.02	0.07	123.75	ppb
Cadmium	106-1	-3.15	-3.29	-3.24	-3.23		ppb
Cadmium	111-1	-0.21	-0.24	-0.22	-0.22		ppb
Calcium	43-1	5.37	5.66	5.45	5.49	2.75	ppb
Calcium	44-1	16.26	14.54	18.28	16.36	11.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.08	-0.05	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.12	0.07	0.06	0.08	41.77	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				100		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				111		%
Iron	54-2	1.71	1.43	1.62	1.59	9.14	ppb
Iron	56-2	1.63	1.63	1.48	1.58	5.50	ppb
Iron	57-2	2.66	2.70	1.47	2.28	30.73	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.14	0.14	4.64	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.12	0.14	0.13	9.29	ppb
Lead	208-1	0.16	0.13	0.13	0.14	10.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	3.99	3.08	3.55	3.54	12.82	ppb
Manganese	55-2	0.06	0.05	0.08	0.07	25.32	ppb
Molybdenum	94-1	0.17	0.20	0.22	0.20	14.10	ppb
Molybdenum	95-1	0.15	0.19	0.19	0.18	13.19	ppb
Molybdenum	96-1	0.15	0.19	0.17	0.17	11.87	ppb
Molybdenum	97-1	0.16	0.20	0.16	0.17	11.87	ppb
Molybdenum	98-1	0.17	0.15	0.19	0.17	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-28.53	-11.94	-25.36	-21.94		ppb
Potassium	39-2	30.59	29.68	30.18	30.15	1.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				109		%
Scandium	45-1				100		%
Scandium	45-2				109		%
Selenium	82-1	-0.46	0.08	-0.64	-0.34		ppb
Selenium	77-2	1.17	0.00	0.00	0.39	173.21	ppb
Selenium	78-2	1.82	-0.55	0.13	0.47	260.22	ppb
Silicon	28-1	-6.47	-5.50	-6.08	-6.02		ppb
Silver	107-1	0.02	0.04	0.02	0.03	42.50	ppb
Silver	109-1	0.02	0.04	0.02	0.03	41.68	ppb
Sodium	23-2	83.23	80.08	81.51	81.61	1.93	ppb
Strontium	86-1	0.42	0.32	0.40	0.38	13.95	ppb
Strontium	88-1	0.38	0.33	0.45	0.38	15.86	ppb
Sulfur	34-1	-1918.22	-1826.18	-1699.46	-1814.62		ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.02	28.93	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	6.72	ppb
Tin	118-1	0.01	0.00	0.00	0.00	253.64	ppb
Titanium	47-1	0.13	0.05	0.18	0.12	51.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.54	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				110		%
Zinc	66-2	0.54	0.71	0.50	0.58	19.02	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	52.14	ppb
Zirconium	91-1	0.00	0.04	0.03	0.03	76.38	ppb

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	67	97	88	20.91	cps
Antimony	121-1	7	57	43	36	72.81	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	73	63	67	68	7.51	cps
Barium	137-1	70	87	97	84	15.95	cps
Beryllium	9-1	24	41	41	35	28.53	cps
Bismuth	209-1	5752624	5833656	5957686	5847988	1.77	cps
Bismuth	209-2	2557020	2480162	2695749	2577644	4.24	cps
Bromine	81-1	1673	1890	1773	1779	6.10	cps
Cadmium	108-1	3	10	0	4	114.60	cps
Cadmium	106-1	2474	2587	2570	2544	2.41	cps
Cadmium	111-1	1743	1807	1806	1785	2.07	cps
Calcium	43-1	150	170	217	179	19.12	cps
Calcium	44-1	24030	24745	24608	24461	1.55	cps
Carbon	12-1	1907588	1878300	1908182	1898023	0.90	cps
Carbon	12-2	24006	24090	24407	24168	0.87	cps
Chlorine	35-1	91661	90158	91637	91152	0.94	cps
Chlorine	35-2	707	690	593	663	9.23	cps
Chromium	52-2	913	790	853	852	7.24	cps
Cobalt	59-2	40	57	53	50	17.64	cps
Copper	63-2	573	620	640	611	5.60	cps
Dysprosium	156-1	10	23	7	13	66.12	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	43	67	63	58	21.85	cps
Erbium	164-2	30	20	20	23	24.74	cps
Gadolinium	160-1	37	53	53	48	20.13	cps
Gadolinium	160-2	73	100	130	101	28.04	cps
Holmium	165-1	8336311	8282388	8271846	8296848	0.42	cps
Holmium	165-2	3296406	3185946	3438157	3306837	3.82	cps
Indium	115-1	5921767	6026018	6089122	6012303	1.41	cps
Indium	115-2	808913	778889	838940	808914	3.71	cps
Iron	54-2	363	293	277	311	14.78	cps
Iron	56-2	2774	1887	1933	2198	22.71	cps
Iron	57-2	107	103	90	100	8.82	cps
Krypton	83-1	227	233	190	217	10.77	cps
Lead	206-1	220	217	197	211	5.98	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	177	163	230	190	18.57	cps
Lead	208-1	887	867	860	871	1.59	cps
Lithium	6-1	2612568	2551355	2535382	2566435	1.59	cps
Magnesium	24-2	170	143	147	153	9.47	cps
Manganese	55-2	100	43	60	68	42.97	cps
Molybdenum	94-1	130	90	173	131	31.79	cps
Molybdenum	95-1	47	17	33	32	46.65	cps
Molybdenum	96-1	113	80	137	110	25.89	cps
Molybdenum	97-1	13	13	10	12	15.73	cps
Molybdenum	98-1	80	57	27	54	49.10	cps
Neodymium	150-1	17	10	13	13	25.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	50	43	49	10.42	cps
Phosphorus	31-2	117	90	73	93	23.42	cps
Potassium	39-2	7235	6925	6922	7027	2.56	cps
Rhodium	103-1	5989188	6019775	5871376	5960113	1.31	cps
Rhodium	103-2	2503391	2407703	2623513	2511536	4.31	cps
Scandium	45-1	3902548	3926603	3778102	3869084	2.06	cps
Scandium	45-2	123306	120055	131260	124873	4.62	cps
Selenium	82-1	-20	-17	-7	-14	-48.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	3	17	11	62.48	cps
Silicon	28-1	205386	212458	207590	208478	1.74	cps
Silver	107-1	63	47	110	73	44.77	cps
Silver	109-1	30	13	23	22	37.76	cps
Sodium	23-2	9026	8533	8949	8836	3.01	cps
Strontium	86-1	357	383	387	376	4.38	cps
Strontium	88-1	660	780	790	743	9.73	cps
Sulfur	34-1	327460	331271	329785	329505	0.58	cps
Terbium	159-1	8431017	8391597	8379611	8400742	0.32	cps
Terbium	159-2	3216291	3147841	3290672	3218268	2.22	cps
Thallium	203-1	143	153	143	147	3.94	cps
Thallium	205-1	353	313	403	357	12.64	cps
Tin	118-1	627	523	623	591	9.93	cps
Titanium	47-1	60	90	110	87	29.04	cps
Uranium	238-1	30	67	47	48	38.43	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:34:57	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	20	33	24	31.49	cps
Ytterbium	172-1	47	43	60	50	17.64	cps
Ytterbium	172-2	17	23	27	22	22.91	cps
Ytterbium	176-1	933	937	873	914	3.90	cps
Ytterbium	176-2	8810	9087	9590	9162	4.32	cps
Yttrium	89-1	9836664	10038009	9885199	9919957	1.06	cps
Yttrium	89-2	991622	940702	1032530	988285	4.66	cps
Zinc	66-2	163	150	160	158	4.40	cps
Zirconium	90-1	333	313	350	332	5.53	cps
Zirconium	91-1	70	60	80	70	14.29	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	887	807	860	851	4.79	cps
Antimony	121-1	10784	10307	10227	10440	2.89	cps
Arsenic	75-2	187	137	153	159	16.02	cps
Barium	135-1	12089	11975	11962	12009	0.58	cps
Barium	137-1	20916	20709	21103	20910	0.94	cps
Beryllium	9-1	1629	1602	1567	1599	1.92	cps
Bismuth	209-1	5847943	5941425	5808150	5865839	1.17	cps
Bismuth	209-2	2726302	2697937	2722320	2715520	0.57	cps
Bromine	81-1	1683	1677	1720	1693	1.38	cps
Cadmium	108-1	123	113	110	116	6.01	cps
Cadmium	106-1	2874	2674	2500	2683	6.97	cps
Cadmium	111-1	3282	3289	2983	3185	5.48	cps
Calcium	43-1	7926	7922	7605	7818	2.35	cps
Calcium	44-1	147228	148087	149589	148301	0.81	cps
Carbon	12-1	2133788	2209461	2214020	2185757	2.06	cps
Carbon	12-2	29012	28968	28508	28829	0.97	cps
Chlorine	35-1	107582	107656	107821	107686	0.11	cps
Chlorine	35-2	740	813	837	797	6.33	cps
Chromium	52-2	3927	3717	3610	3752	4.30	cps
Cobalt	59-2	2874	3017	2820	2904	3.50	cps
Copper	63-2	4604	4521	4674	4600	1.67	cps
Dysprosium	156-1	7	3	0	3	100.05	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	67	57	93	72	26.24	cps
Erbium	164-2	20	37	27	28	30.20	cps
Gadolinium	160-1	63	67	67	66	2.94	cps
Gadolinium	160-2	140	93	120	118	19.88	cps
Holmium	165-1	8231349	8584473	8388709	8401511	2.11	cps
Holmium	165-2	3481012	3453101	3345134	3426416	2.09	cps
Indium	115-1	6095130	6009989	5896197	6000439	1.66	cps
Indium	115-2	852974	844934	848989	848966	0.47	cps
Iron	54-2	3634	3767	3707	3703	1.80	cps
Iron	56-2	62941	62931	61820	62564	1.03	cps
Iron	57-2	1583	1583	1723	1630	4.96	cps
Krypton	83-1	190	233	217	213	10.25	cps
Lead	206-1	5184	5061	5054	5100	1.44	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4287	4618	4467	4457	3.71	cps
Lead	208-1	20256	20797	20146	20400	1.71	cps
Lithium	6-1	2578587	2597096	2493961	2556548	2.15	cps
Magnesium	24-2	61469	62269	64274	62671	2.31	cps
Manganese	55-2	837	790	847	824	3.67	cps
Molybdenum	94-1	10904	10637	10688	10743	1.32	cps
Molybdenum	95-1	12546	12369	12889	12601	2.10	cps
Molybdenum	96-1	13967	14217	14161	14115	0.93	cps
Molybdenum	97-1	7966	7926	7786	7892	1.20	cps
Molybdenum	98-1	20445	21059	20535	20680	1.60	cps
Neodymium	150-1	17	3	27	16	75.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	800	810	803	804	0.63	cps
Phosphorus	31-2	130	120	163	138	16.47	cps
Potassium	39-2	43917	43987	43883	43929	0.12	cps
Rhodium	103-1	5911626	5799183	5774661	5828490	1.25	cps
Rhodium	103-2	2618857	2647194	2647264	2637772	0.62	cps
Scandium	45-1	3859798	3831518	3897509	3862942	0.86	cps
Scandium	45-2	128983	129770	128650	129134	0.45	cps
Selenium	82-1	457	293	360	370	22.20	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	60	40	47	49	20.83	cps
Silicon	28-1	232163	230648	230750	231187	0.37	cps
Silver	107-1	6422	6732	6542	6565	2.38	cps
Silver	109-1	6338	6088	6195	6207	2.02	cps
Sodium	23-2	119451	120090	118473	119338	0.68	cps
Strontium	86-1	1927	1883	1983	1931	2.60	cps
Strontium	88-1	13947	14267	13710	13975	2.00	cps
Sulfur	34-1	331103	327403	326363	328290	0.76	cps
Terbium	159-1	8507427	8282603	8497092	8429040	1.51	cps
Terbium	159-2	3364561	3334104	3338356	3345673	0.49	cps
Thallium	203-1	6312	5768	5701	5927	5.65	cps
Thallium	205-1	14705	14225	13724	14218	3.45	cps
Tin	118-1	21610	21480	21797	21629	0.74	cps
Titanium	47-1	3794	3801	3701	3765	1.49	cps
Uranium	238-1	20343	20570	20370	20428	0.61	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:38:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5564	5544	5828	5646	2.80	cps
Ytterbium	172-1	67	57	47	57	17.65	cps
Ytterbium	172-2	20	27	20	22	17.33	cps
Ytterbium	176-1	1037	853	1003	964	10.13	cps
Ytterbium	176-2	9323	9463	9390	9392	0.75	cps
Yttrium	89-1	9760399	9868210	9851845	9826818	0.59	cps
Yttrium	89-2	1039212	1027816	1022372	1029800	0.83	cps
Zinc	66-2	1403	1473	1300	1392	6.26	cps
Zirconium	90-1	8850	9016	8799	8888	1.28	cps
Zirconium	91-1	2020	1950	1950	1973	2.05	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45337	45224	44184	44915	1.42	cps
Antimony	121-1	275316	276700	273359	275125	0.61	cps
Arsenic	75-2	6708	6775	6738	6741	0.50	cps
Barium	135-1	317096	318584	317937	317873	0.23	cps
Barium	137-1	557027	559399	556873	557767	0.25	cps
Beryllium	9-1	81970	82513	81891	82125	0.41	cps
Bismuth	209-1	5754422	5745353	5868719	5789498	1.19	cps
Bismuth	209-2	2645446	2636438	2651734	2644539	0.29	cps
Bromine	81-1	1690	1707	1703	1700	0.52	cps
Cadmium	108-1	5728	5771	5821	5773	0.81	cps
Cadmium	106-1	10227	10301	10187	10238	0.56	cps
Cadmium	111-1	73110	72374	73462	72982	0.76	cps
Calcium	43-1	96554	96847	94350	95917	1.42	cps
Calcium	44-1	1531053	1517948	1475896	1508299	1.91	cps
Carbon	12-1	2259835	2324498	2353662	2312665	2.08	cps
Carbon	12-2	29740	30582	30802	30375	1.85	cps
Chlorine	35-1	107569	108069	107569	107736	0.27	cps
Chlorine	35-2	713	673	787	724	7.93	cps
Chromium	52-2	78031	77777	77723	77844	0.21	cps
Cobalt	59-2	136480	137094	137810	137128	0.49	cps
Copper	63-2	1066211	1079839	1071095	1072382	0.64	cps
Dysprosium	156-1	20	33	17	23	37.78	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	110	63	93	89	26.61	cps
Erbium	164-2	23	17	30	23	28.56	cps
Gadolinium	160-1	67	80	73	73	9.09	cps
Gadolinium	160-2	100	93	153	116	28.46	cps
Holmium	165-1	8356587	8265032	8327275	8316298	0.56	cps
Holmium	165-2	3454135	3328381	3393789	3392102	1.85	cps
Indium	115-1	6106629	5938618	6039284	6028177	1.40	cps
Indium	115-2	828748	829437	827183	828456	0.14	cps
Iron	54-2	178559	181661	180608	180276	0.87	cps
Iron	56-2	3277435	3265455	3313777	3285556	0.77	cps
Iron	57-2	80546	80559	81411	80839	0.61	cps
Krypton	83-1	180	193	243	206	16.24	cps
Lead	206-1	1306508	1299229	1276791	1294176	1.20	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1124751	1138334	1113082	1125389	1.12	cps
Lead	208-1	5215398	5262556	5246113	5241355	0.46	cps
Lithium	6-1	2580788	2531834	2479636	2530753	2.00	cps
Magnesium	24-2	675434	671021	665950	670802	0.71	cps
Manganese	55-2	383084	382831	385828	383914	0.43	cps
Molybdenum	94-1	961118	969985	975590	968898	0.75	cps
Molybdenum	95-1	1353035	1393216	1365779	1370677	1.50	cps
Molybdenum	96-1	1537393	1550386	1527193	1538324	0.76	cps
Molybdenum	97-1	850692	863562	873411	862555	1.32	cps
Molybdenum	98-1	2219549	2269015	2269048	2252537	1.27	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37964	38248	39003	38405	1.40	cps
Phosphorus	31-2	2164	2210	2147	2174	1.51	cps
Potassium	39-2	200500	202349	204015	202288	0.87	cps
Rhodium	103-1	5858515	5941674	5789746	5863312	1.30	cps
Rhodium	103-2	2535141	2529243	2559138	2541174	0.62	cps
Scandium	45-1	3908204	3824206	3799758	3844056	1.48	cps
Scandium	45-2	127363	126085	126878	126775	0.51	cps
Selenium	82-1	4701	4781	4848	4776	1.54	cps
Selenium	77-2	150	140	160	150	6.67	cps
Selenium	78-2	460	453	533	482	9.21	cps
Silicon	28-1	426640	429635	433484	429920	0.80	cps
Silver	107-1	346395	353433	353585	351138	1.17	cps
Silver	109-1	343011	338868	335805	339228	1.07	cps
Sodium	23-2	1167355	1193295	1172343	1177664	1.17	cps
Strontium	86-1	2058197	2070401	2047767	2058789	0.55	cps
Strontium	88-1	18040905	17480167	17700794	17740622	1.59	cps
Sulfur	34-1	355585	352640	352105	353444	0.53	cps
Terbium	159-1	8358704	8279520	8399339	8345855	0.73	cps
Terbium	159-2	3341476	3289687	3254503	3295222	1.33	cps
Thallium	203-1	311197	317047	311065	313103	1.09	cps
Thallium	205-1	756369	755923	761795	758029	0.43	cps
Tin	118-1	227214	224776	224655	225548	0.64	cps
Titanium	47-1	401539	394570	397155	397755	0.89	cps
Uranium	238-1	1101541	1100782	1113071	1105132	0.62	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:41:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	58653	58211	58961	58608	0.64	cps
Ytterbium	172-1	73	53	60	62	16.37	cps
Ytterbium	172-2	27	20	43	30	40.05	cps
Ytterbium	176-1	2310	2124	1997	2144	7.35	cps
Ytterbium	176-2	9944	10274	9907	10042	2.01	cps
Yttrium	89-1	10084669	9955329	9884838	9974945	1.02	cps
Yttrium	89-2	1010008	998638	999641	1002763	0.63	cps
Zinc	66-2	133017	135676	133253	133982	1.10	cps
Zirconium	90-1	460788	458092	462371	460417	0.47	cps
Zirconium	91-1	103035	104428	101389	102951	1.48	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123755	121899	121563	122405	0.96	cps
Antimony	121-1	691401	695731	698755	695295	0.53	cps
Arsenic	75-2	16997	16790	17187	16991	1.17	cps
Barium	135-1	796829	803204	805740	801924	0.57	cps
Barium	137-1	1402177	1408447	1422530	1411052	0.74	cps
Beryllium	9-1	208440	204734	207993	207055	0.98	cps
Bismuth	209-1	6078374	5804261	5828144	5903593	2.57	cps
Bismuth	209-2	2669355	2668685	2686800	2674947	0.38	cps
Bromine	81-1	1873	1697	1783	1785	4.95	cps
Cadmium	108-1	14401	14201	14127	14243	0.99	cps
Cadmium	106-1	21480	22011	22081	21857	1.50	cps
Cadmium	111-1	179077	180917	182922	180972	1.06	cps
Calcium	43-1	240901	238555	242008	240488	0.73	cps
Calcium	44-1	3787249	3711003	3812425	3770226	1.40	cps
Carbon	12-1	2319667	2373832	2402071	2365190	1.77	cps
Carbon	12-2	31991	32593	32222	32269	0.94	cps
Chlorine	35-1	118893	117189	117230	117771	0.83	cps
Chlorine	35-2	827	820	713	787	8.08	cps
Chromium	52-2	199882	197184	196731	197932	0.86	cps
Cobalt	59-2	351612	347887	345516	348339	0.88	cps
Copper	63-2	2768519	2800734	2755227	2774827	0.84	cps
Dysprosium	156-1	47	37	67	50	30.55	cps
Dysprosium	156-2	40	23	13	26	52.73	cps
Erbium	164-1	83	80	90	84	6.03	cps
Erbium	164-2	40	17	20	26	49.38	cps
Gadolinium	160-1	97	107	80	94	14.27	cps
Gadolinium	160-2	120	180	177	159	21.22	cps
Holmium	165-1	8603207	8508842	8467977	8526675	0.81	cps
Holmium	165-2	3479996	3462799	3515387	3486061	0.77	cps
Indium	115-1	6134069	5887667	6002851	6008196	2.05	cps
Indium	115-2	851602	834098	835389	840363	1.16	cps
Iron	54-2	457395	456702	456675	456924	0.09	cps
Iron	56-2	8378920	8220108	8075714	8224914	1.84	cps
Iron	57-2	207197	207131	202151	205493	1.41	cps
Krypton	83-1	227	167	207	200	15.27	cps
Lead	206-1	3395595	3334275	3373030	3367634	0.92	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3041441	2899463	2976278	2972394	2.39	cps
Lead	208-1	13767329	13337572	13540632	13548511	1.59	cps
Lithium	6-1	2576062	2431277	2545586	2517641	3.03	cps
Magnesium	24-2	1739474	1738221	1681423	1719706	1.93	cps
Manganese	55-2	988298	975933	967232	977154	1.08	cps
Molybdenum	94-1	2503907	2434968	2431538	2456804	1.66	cps
Molybdenum	95-1	3522810	3463675	3536846	3507777	1.11	cps
Molybdenum	96-1	3840230	3886305	3884743	3870426	0.68	cps
Molybdenum	97-1	2204306	2226815	2183958	2205026	0.97	cps
Molybdenum	98-1	5659985	5667572	5621719	5649759	0.44	cps
Neodymium	150-1	70	83	60	71	16.46	cps
Neodymium	150-2	0	20	10	10	100.00	cps
Nickel	60-2	96833	96403	95246	96161	0.85	cps
Phosphorus	31-2	5628	5384	5354	5456	2.75	cps
Potassium	39-2	508945	503258	498565	503589	1.03	cps
Rhodium	103-1	5922661	5833402	5715868	5823977	1.78	cps
Rhodium	103-2	2651780	2595211	2597434	2614808	1.23	cps
Scandium	45-1	3985732	3808277	3868514	3887507	2.32	cps
Scandium	45-2	128701	127547	127338	127862	0.57	cps
Selenium	82-1	11515	11722	11942	11726	1.82	cps
Selenium	77-2	327	330	360	339	5.42	cps
Selenium	78-2	1047	1213	1310	1190	11.19	cps
Silicon	28-1	771126	815912	822767	803268	3.49	cps
Silver	107-1	893888	887769	897347	893001	0.54	cps
Silver	109-1	857249	846260	858630	854046	0.79	cps
Sodium	23-2	3029433	3061902	2944410	3011915	2.01	cps
Strontium	86-1	5242372	5170312	5170827	5194504	0.80	cps
Strontium	88-1	45365341	44810796	45441456	45205864	0.76	cps
Sulfur	34-1	393018	388473	389643	390378	0.60	cps
Terbium	159-1	8562350	8357308	8453175	8457611	1.21	cps
Terbium	159-2	3419726	3459654	3395473	3424951	0.95	cps
Thallium	203-1	788465	775329	802775	788857	1.74	cps
Thallium	205-1	1949628	1950615	1985529	1961924	1.04	cps
Tin	118-1	573462	566292	579096	572950	1.12	cps
Titanium	47-1	999755	990483	1016335	1002191	1.31	cps
Uranium	238-1	2955490	2835499	2878010	2889666	2.11	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:48:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	152075	150710	147572	150119	1.54	cps
Ytterbium	172-1	53	77	63	64	18.17	cps
Ytterbium	172-2	17	30	23	23	28.56	cps
Ytterbium	176-1	4107	4264	4284	4218	2.29	cps
Ytterbium	176-2	11292	11125	10961	11126	1.48	cps
Yttrium	89-1	10189996	9901252	9869460	9986902	1.77	cps
Yttrium	89-2	1032615	1025762	1017904	1025427	0.72	cps
Zinc	66-2	342399	335457	332208	336688	1.55	cps
Zirconium	90-1	1158000	1152050	1165325	1158458	0.57	cps
Zirconium	91-1	263963	259671	261423	261686	0.82	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214443	213533	209735	212570	1.17	cps
Antimony	121-1	1406122	1439657	1442185	1429321	1.41	cps
Arsenic	75-2	33366	33329	32972	33223	0.66	cps
Barium	135-1	1682084	1679294	1696998	1686125	0.56	cps
Barium	137-1	2844264	2947145	2884390	2891933	1.79	cps
Beryllium	9-1	412258	416253	408446	412319	0.95	cps
Bismuth	209-1	5927607	5814717	5835220	5859181	1.03	cps
Bismuth	209-2	2664152	2521165	2605629	2596982	2.77	cps
Bromine	81-1	1543	1670	1693	1636	4.94	cps
Cadmium	108-1	28079	29649	29298	29008	2.84	cps
Cadmium	106-1	41583	41309	42184	41692	1.07	cps
Cadmium	111-1	358376	367022	369236	364878	1.57	cps
Calcium	43-1	489027	490020	482776	487274	0.81	cps
Calcium	44-1	7433811	7431878	7498887	7454858	0.51	cps
Carbon	12-1	2322318	2410628	2448002	2393649	2.70	cps
Carbon	12-2	31684	31430	31484	31533	0.42	cps
Chlorine	35-1	113184	113440	113756	113460	0.25	cps
Chlorine	35-2	800	723	730	751	5.65	cps
Chromium	52-2	396198	393103	383779	391027	1.65	cps
Cobalt	59-2	692980	680888	679530	684466	1.08	cps
Copper	63-2	5295588	5316265	5269698	5293850	0.44	cps
Dysprosium	156-1	103	133	100	112	16.36	cps
Dysprosium	156-2	60	53	50	54	9.35	cps
Erbium	164-1	63	97	60	73	27.65	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	140	93	140	124	21.65	cps
Gadolinium	160-2	160	147	167	158	6.45	cps
Holmium	165-1	8597550	8658416	8559569	8605178	0.58	cps
Holmium	165-2	3533619	3362350	3383555	3426508	2.72	cps
Indium	115-1	6036249	6141379	5801219	5992949	2.91	cps
Indium	115-2	814719	798627	791819	801722	1.47	cps
Iron	54-2	904191	893256	889656	895701	0.85	cps
Iron	56-2	16331080	15901037	15768179	16000099	1.84	cps
Iron	57-2	404864	394270	396596	398577	1.40	cps
Krypton	83-1	223	230	237	230	2.90	cps
Lead	206-1	6713030	6847769	6953510	6838103	1.76	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5805306	5936644	5987238	5909729	1.59	cps
Lead	208-1	26825139	27262530	27350743	27146137	1.04	cps
Lithium	6-1	2447240	2493460	2436066	2458922	1.24	cps
Magnesium	24-2	3373067	3365051	3357570	3365229	0.23	cps
Manganese	55-2	2029904	1929301	1958225	1972476	2.63	cps
Molybdenum	94-1	5036397	4998675	4914191	4983088	1.26	cps
Molybdenum	95-1	7064760	7071975	6851364	6996033	1.79	cps
Molybdenum	96-1	7795657	7971716	7599661	7789011	2.39	cps
Molybdenum	97-1	4396699	4500630	4387273	4428201	1.42	cps
Molybdenum	98-1	11279477	11641356	11408724	11443186	1.60	cps
Neodymium	150-1	100	60	130	97	36.33	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	187792	184931	185845	186189	0.78	cps
Phosphorus	31-2	10974	10731	10897	10867	1.15	cps
Potassium	39-2	999956	988131	984346	990811	0.82	cps
Rhodium	103-1	5896367	5757508	5607875	5753916	2.51	cps
Rhodium	103-2	2513403	2500818	2422060	2478761	2.00	cps
Scandium	45-1	3929130	3819266	3823855	3857417	1.61	cps
Scandium	45-2	124088	124467	122567	123707	0.81	cps
Selenium	82-1	23383	24008	23671	23687	1.32	cps
Selenium	77-2	707	727	687	707	2.83	cps
Selenium	78-2	2407	2294	2420	2374	2.93	cps
Silicon	28-1	1043609	1104249	1085375	1077744	2.88	cps
Silver	107-1	1836880	1806018	1885269	1842723	2.17	cps
Silver	109-1	1719602	1760023	1756647	1745424	1.28	cps
Sodium	23-2	6041183	5849652	5939262	5943366	1.61	cps
Strontium	86-1	10516317	10658395	10314749	10496487	1.65	cps
Strontium	88-1	91862042	91209669	91564669	91545460	0.36	cps
Sulfur	34-1	452970	454212	448428	451870	0.67	cps
Terbium	159-1	8562568	8537056	8477527	8525717	0.51	cps
Terbium	159-2	3316056	3294395	3190342	3266931	2.06	cps
Thallium	203-1	1569409	1636542	1614892	1606948	2.13	cps
Thallium	205-1	3976257	4023666	4030416	4010113	0.74	cps
Tin	118-1	1130653	1179440	1156334	1155476	2.11	cps
Titanium	47-1	2031037	2031763	2038896	2033898	0.21	cps
Uranium	238-1	5802101	5988365	5915557	5902008	1.59	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:51:38	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	300437	294232	291608	295426	1.53	cps
Ytterbium	172-1	43	57	90	63	37.95	cps
Ytterbium	172-2	37	43	20	33	36.05	cps
Ytterbium	176-1	7262	7749	7436	7482	3.30	cps
Ytterbium	176-2	12369	12139	11775	12095	2.48	cps
Yttrium	89-1	9795004	9800119	9872700	9822607	0.44	cps
Yttrium	89-2	1000870	971508	962878	978418	2.04	cps
Zinc	66-2	667263	651303	640865	653143	2.04	cps
Zirconium	90-1	2356113	2435361	2375426	2388966	1.73	cps
Zirconium	91-1	525892	538455	534875	533074	1.21	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	421220	426329	418367	421972	0.96	cps
Antimony	121-1	2700034	2678497	2692358	2690296	0.41	cps
Arsenic	75-2	63958	62525	62063	62848	1.57	cps
Barium	135-1	3118453	3096547	3069065	3094688	0.80	cps
Barium	137-1	5302989	5304126	5372193	5326436	0.74	cps
Beryllium	9-1	762893	757355	761308	760519	0.38	cps
Bismuth	209-1	5714942	5599277	5545275	5619831	1.54	cps
Bismuth	209-2	2523728	2549510	2490417	2521218	1.18	cps
Bromine	81-1	1713	1713	1607	1678	3.67	cps
Cadmium	108-1	52613	53494	53493	53200	0.95	cps
Cadmium	106-1	74902	76427	75535	75621	1.01	cps
Cadmium	111-1	680244	677323	683038	680201	0.42	cps
Calcium	43-1	892516	897783	905316	898538	0.72	cps
Calcium	44-1	13831961	13511841	13758266	13700689	1.22	cps
Carbon	12-1	2359948	2458408	2480560	2432972	2.64	cps
Carbon	12-2	33645	33375	33919	33646	0.81	cps
Chlorine	35-1	108583	109201	109396	109060	0.39	cps
Chlorine	35-2	840	760	757	786	6.01	cps
Chromium	52-2	723590	725766	725479	724945	0.16	cps
Cobalt	59-2	1279591	1278859	1271907	1276786	0.33	cps
Copper	63-2	9895927	9782517	9831863	9836769	0.58	cps
Dysprosium	156-1	137	187	173	166	15.64	cps
Dysprosium	156-2	103	130	87	107	20.49	cps
Erbium	164-1	83	97	90	90	7.41	cps
Erbium	164-2	47	33	40	40	16.68	cps
Gadolinium	160-1	213	227	187	209	9.75	cps
Gadolinium	160-2	153	167	143	154	7.58	cps
Holmium	165-1	8167251	8221909	8257943	8215701	0.56	cps
Holmium	165-2	3347887	3316467	3377441	3347265	0.91	cps
Indium	115-1	5696441	5685418	5713079	5698313	0.24	cps
Indium	115-2	769248	766415	774360	770007	0.52	cps
Iron	54-2	1729239	1702802	1671849	1701297	1.69	cps
Iron	56-2	29639481	29905070	29017329	29520627	1.54	cps
Iron	57-2	749827	744375	741281	745161	0.58	cps
Krypton	83-1	163	210	177	183	13.11	cps
Lead	206-1	12599431	12871899	12787070	12752800	1.09	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10841280	10926304	10990572	10919385	0.69	cps
Lead	208-1	50743964	50758749	51136802	50879838	0.44	cps
Lithium	6-1	2347788	2361550	2325450	2344929	0.78	cps
Magnesium	24-2	6178000	6252529	6177707	6202746	0.70	cps
Manganese	55-2	3706673	3623572	3539238	3623161	2.31	cps
Molybdenum	94-1	9266772	9287153	9104338	9219421	1.09	cps
Molybdenum	95-1	13290365	13121873	12965829	13126022	1.24	cps
Molybdenum	96-1	14458388	14588191	14355776	14467452	0.81	cps
Molybdenum	97-1	8143188	8167209	8318417	8209605	1.16	cps
Molybdenum	98-1	21588216	21485921	21547345	21540494	0.24	cps
Neodymium	150-1	173	147	120	147	18.18	cps
Neodymium	150-2	37	10	17	21	65.74	cps
Nickel	60-2	344294	346631	345872	345599	0.35	cps
Phosphorus	31-2	20565	19917	19830	20104	2.00	cps
Potassium	39-2	1876553	1864023	1881307	1873961	0.48	cps
Rhodium	103-1	5556623	5470250	5468772	5498548	0.91	cps
Rhodium	103-2	2382692	2383725	2400720	2389045	0.42	cps
Scandium	45-1	3613124	3605812	3542894	3587277	1.08	cps
Scandium	45-2	122292	121388	120770	121483	0.63	cps
Selenium	82-1	43836	44264	44220	44107	0.53	cps
Selenium	77-2	1243	1247	1333	1275	4.00	cps
Selenium	78-2	4161	4094	4231	4162	1.64	cps
Silicon	28-1	1761681	1742517	1858119	1787439	3.47	cps
Silver	107-1	3434612	3466232	3442745	3447863	0.48	cps
Silver	109-1	3251740	3254872	3201393	3236002	0.93	cps
Sodium	23-2	11110988	11176107	11155997	11147697	0.30	cps
Strontium	86-1	19205420	19281300	19733811	19406843	1.47	cps
Strontium	88-1	168692797	167379394	170554384	168875525	0.94	cps
Sulfur	34-1	559915	557779	558014	558569	0.21	cps
Terbium	159-1	8282784	8204923	8217616	8235107	0.51	cps
Terbium	159-2	3214539	3218244	3146508	3193097	1.26	cps
Thallium	203-1	3174591	3176683	3196698	3182657	0.38	cps
Thallium	205-1	7419224	7408330	7554798	7460784	1.09	cps
Tin	118-1	2194842	2133204	2158123	2162056	1.43	cps
Titanium	47-1	3717792	3666252	3726643	3703563	0.88	cps
Uranium	238-1	11217523	11181167	11031468	11143386	0.88	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:54:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	560880	560862	554995	558912	0.61	cps
Ytterbium	172-1	73	90	83	82	10.20	cps
Ytterbium	172-2	60	27	27	38	50.93	cps
Ytterbium	176-1	13187	13297	13030	13171	1.02	cps
Ytterbium	176-2	13837	14365	14188	14130	1.90	cps
Yttrium	89-1	9522641	9428515	9474748	9475301	0.50	cps
Yttrium	89-2	951680	944617	955611	950636	0.59	cps
Zinc	66-2	1210457	1203036	1213018	1208837	0.43	cps
Zirconium	90-1	4403532	4496223	4476556	4458770	1.10	cps
Zirconium	91-1	989713	988188	998755	992219	0.58	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	863438	845958	856619	855338	1.03	cps
Antimony	121-1	5270222	5162534	5365488	5266081	1.93	cps
Arsenic	75-2	122548	122729	121935	122404	0.34	cps
Barium	135-1	6148348	6095786	6221257	6155130	1.02	cps
Barium	137-1	10578465	10347035	10544787	10490095	1.19	cps
Beryllium	9-1	1481084	1447898	1476579	1468520	1.23	cps
Bismuth	209-1	5748031	5365641	5544630	5552767	3.45	cps
Bismuth	209-2	2481900	2439619	2512367	2477962	1.47	cps
Bromine	81-1	1743	1787	1727	1752	1.77	cps
Cadmium	108-1	105013	104049	105420	104827	0.67	cps
Cadmium	106-1	145648	144869	147531	146016	0.94	cps
Cadmium	111-1	1332610	1318204	1325403	1325405	0.54	cps
Calcium	43-1	1788815	1796594	1836516	1807308	1.42	cps
Calcium	44-1	26874518	26884120	26778808	26845815	0.22	cps
Carbon	12-1	2457657	2548577	2604253	2536829	2.92	cps
Carbon	12-2	35944	35653	36004	35867	0.52	cps
Chlorine	35-1	111014	110088	109846	110316	0.56	cps
Chlorine	35-2	813	830	760	801	4.56	cps
Chromium	52-2	1474888	1434453	1471094	1460145	1.53	cps
Cobalt	59-2	2563782	2508759	2509040	2527194	1.25	cps
Copper	63-2	18943821	18775852	18889645	18869772	0.45	cps
Dysprosium	156-1	330	327	343	333	2.65	cps
Dysprosium	156-2	157	113	150	140	16.66	cps
Erbium	164-1	120	127	137	128	6.57	cps
Erbium	164-2	67	47	73	62	22.30	cps
Gadolinium	160-1	393	367	337	366	7.75	cps
Gadolinium	160-2	243	243	297	261	11.79	cps
Holmium	165-1	8197482	8228410	8149491	8191794	0.49	cps
Holmium	165-2	3264968	3248768	3282128	3265288	0.51	cps
Indium	115-1	5515684	5539960	5568018	5541221	0.47	cps
Indium	115-2	752758	731353	751153	745088	1.60	cps
Iron	54-2	3324545	3270758	3330884	3308729	1.00	cps
Iron	56-2	59474372	59221137	58411896	59035802	0.94	cps
Iron	57-2	1513160	1510440	1516305	1513302	0.19	cps
Krypton	83-1	190	193	157	180	11.26	cps
Lead	206-1	25977078	25939660	25409046	25775262	1.23	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21904154	21909931	22152143	21988743	0.64	cps
Lead	208-1	102869613	101691404	102948382	102503133	0.69	cps
Lithium	6-1	2367956	2318668	2349009	2345211	1.06	cps
Magnesium	24-2	12559134	12318914	12414089	12430712	0.97	cps
Manganese	55-2	7128890	7123913	7051492	7101432	0.61	cps
Molybdenum	94-1	18045806	18178768	18799241	18341272	2.19	cps
Molybdenum	95-1	26439376	26300377	26699541	26479765	0.77	cps
Molybdenum	96-1	29771477	28499220	29173041	29147913	2.18	cps
Molybdenum	97-1	16087680	16393184	16751070	16410645	2.02	cps
Molybdenum	98-1	42484178	42849474	43222208	42851953	0.86	cps
Neodymium	150-1	320	343	357	340	5.46	cps
Neodymium	150-2	53	27	30	37	39.62	cps
Nickel	60-2	661103	661385	667717	663401	0.56	cps
Phosphorus	31-2	39313	38665	40560	39513	2.44	cps
Potassium	39-2	3647430	3600962	3634635	3627676	0.66	cps
Rhodium	103-1	5387577	5354210	5352958	5364915	0.37	cps
Rhodium	103-2	2299585	2259319	2335627	2298177	1.66	cps
Scandium	45-1	3630246	3576269	3541842	3582786	1.24	cps
Scandium	45-2	119930	119200	120618	119916	0.59	cps
Selenium	82-1	87221	86738	87234	87064	0.32	cps
Selenium	77-2	2357	2370	2410	2379	1.17	cps
Selenium	78-2	8373	8032	8569	8325	3.26	cps
Silicon	28-1	3259802	3278510	3286723	3275012	0.42	cps
Silver	107-1	6746359	6662701	6566028	6658363	1.36	cps
Silver	109-1	6307189	6294188	6308008	6303129	0.12	cps
Sodium	23-2	22168481	21859747	22260141	22096123	0.95	cps
Strontium	86-1	38062726	37735851	39548534	38449037	2.51	cps
Strontium	88-1	340957435	331299128	339266262	337174275	1.53	cps
Sulfur	34-1	805250	806901	799463	803871	0.49	cps
Terbium	159-1	8384235	8096038	8214551	8231608	1.76	cps
Terbium	159-2	3102602	3106197	3303337	3170712	3.62	cps
Thallium	203-1	6282316	6157672	6203702	6214563	1.01	cps
Thallium	205-1	14880060	14700247	14740867	14773725	0.64	cps
Tin	118-1	4322134	4216059	4245750	4261314	1.28	cps
Titanium	47-1	7406855	7327674	7340308	7358279	0.58	cps
Uranium	238-1	23456915	22396278	22463368	22772187	2.61	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 10:57:44	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1109630	1099523	1090095	1099749	0.89	cps
Ytterbium	172-1	97	103	70	90	19.60	cps
Ytterbium	172-2	30	33	43	36	19.51	cps
Ytterbium	176-1	26520	26012	26189	26241	0.98	cps
Ytterbium	176-2	18984	19251	19768	19334	2.06	cps
Yttrium	89-1	9402891	9313123	9461409	9392474	0.80	cps
Yttrium	89-2	932557	919530	938739	930275	1.05	cps
Zinc	66-2	2371964	2385895	2377640	2378500	0.29	cps
Zirconium	90-1	8865213	8720499	9042492	8876068	1.82	cps
Zirconium	91-1	2025910	2030011	2078960	2044960	1.44	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4360180	4279167	4416659	4352002	1.59	cps
Antimony	121-1	5274	5758	5945	5659	6.11	cps
Arsenic	75-2	80	100	87	89	11.46	cps
Barium	135-1	4041	3851	3844	3912	2.86	cps
Barium	137-1	7639	6758	6582	6993	8.10	cps
Beryllium	9-1	451	320	302	358	22.71	cps
Bismuth	209-1	5132200	5055213	5136773	5108062	0.90	cps
Bismuth	209-2	2403059	2392884	2402726	2399556	0.24	cps
Bromine	81-1	4204	5158	5935	5099	17.00	cps
Cadmium	108-1	133	127	97	119	16.43	cps
Cadmium	106-1	2294	2394	2397	2361	2.49	cps
Cadmium	111-1	2519	2534	2600	2551	1.70	cps
Calcium	43-1	7010487	7145422	7312539	7156149	2.11	cps
Calcium	44-1	114539408	115646182	121620435	117268675	3.25	cps
Carbon	12-1	2226187	2380332	2482526	2363015	5.46	cps
Carbon	12-2	35850	35874	36946	36223	1.73	cps
Chlorine	35-1	108117	110367	110572	109685	1.24	cps
Chlorine	35-2	917	847	913	892	4.43	cps
Chromium	52-2	9950	9944	10554	10149	3.45	cps
Cobalt	59-2	6985	6785	7859	7210	7.92	cps
Copper	63-2	7392	7335	13546	9424	37.88	cps
Dysprosium	156-1	1253	1330	1233	1272	4.01	cps
Dysprosium	156-2	533	503	593	543	8.43	cps
Erbium	164-1	217	210	250	226	9.50	cps
Erbium	164-2	107	113	83	101	15.58	cps
Gadolinium	160-1	1320	1440	1403	1388	4.43	cps
Gadolinium	160-2	783	780	750	771	2.38	cps
Holmium	165-1	8003132	7951284	7934516	7962977	0.45	cps
Holmium	165-2	3400069	3380969	3394657	3391898	0.29	cps
Indium	115-1	5244810	5259954	5316177	5273647	0.71	cps
Indium	115-2	782943	788068	785229	785413	0.33	cps
Iron	54-2	16434518	16369622	16080310	16294817	1.16	cps
Iron	56-2	293070649	294055716	298409182	295178516	0.96	cps
Iron	57-2	7597877	7419782	7426927	7481528	1.35	cps
Krypton	83-1	190	167	207	188	10.70	cps
Lead	206-1	17869	17522	16234	17208	5.01	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15636	14945	13564	14715	7.17	cps
Lead	208-1	71418	69076	64547	68347	5.11	cps
Lithium	6-1	2191975	2250976	2223046	2221999	1.33	cps
Magnesium	24-2	61765537	62198046	61899709	61954431	0.36	cps
Manganese	55-2	6165	6475	8678	7106	19.28	cps
Molybdenum	94-1	6765	6345	4994	6035	15.33	cps
Molybdenum	95-1	7806	7439	5811	7019	15.12	cps
Molybdenum	96-1	8943	8596	6542	8027	16.17	cps
Molybdenum	97-1	5014	4678	3514	4402	17.89	cps
Molybdenum	98-1	12593	11722	8937	11084	17.23	cps
Neodymium	150-1	187	233	210	210	11.11	cps
Neodymium	150-2	57	70	50	59	17.29	cps
Nickel	60-2	3654	3407	3904	3655	6.80	cps
Phosphorus	31-2	110	113	153	126	19.21	cps
Potassium	39-2	19098499	19468433	19323970	19296967	0.97	cps
Rhodium	103-1	4844499	4956021	4972148	4924223	1.41	cps
Rhodium	103-2	2239449	2278743	2268520	2262237	0.90	cps
Scandium	45-1	3405467	3538123	3505702	3483097	1.99	cps
Scandium	45-2	124679	126381	125819	125626	0.69	cps
Selenium	82-1	453	520	470	481	7.21	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	70	77	47	64	24.44	cps
Silicon	28-1	508670	516168	509052	511297	0.83	cps
Silver	107-1	1317	1500	1213	1343	10.81	cps
Silver	109-1	1007	1350	1050	1136	16.47	cps
Sodium	23-2	111591222	110074398	112557748	111407789	1.12	cps
Strontium	86-1	8453	7466	6201	7373	15.30	cps
Strontium	88-1	73813	62653	50822	62429	18.42	cps
Sulfur	34-1	268780	273548	281935	274754	2.42	cps
Terbium	159-1	7793443	7926118	7875547	7865036	0.85	cps
Terbium	159-2	3210798	3211017	3234412	3218742	0.42	cps
Thallium	203-1	3097	2977	2494	2856	11.19	cps
Thallium	205-1	7339	6692	6158	6730	8.79	cps
Tin	118-1	4427	4211	4251	4296	2.68	cps
Titanium	47-1	2117	2164	1657	1979	14.15	cps
Uranium	238-1	5571	4821	3977	4790	16.65	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:00:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	417	423	840	560	43.31	cps
Ytterbium	172-1	187	160	160	169	9.12	cps
Ytterbium	172-2	87	100	90	92	7.52	cps
Ytterbium	176-1	980	957	973	970	1.24	cps
Ytterbium	176-2	9477	9714	9767	9652	1.60	cps
Yttrium	89-1	8882556	9059773	9077980	9006770	1.20	cps
Yttrium	89-2	987439	983935	997377	989584	0.70	cps
Zinc	66-2	7175	7048	7692	7305	4.67	cps
Zirconium	90-1	4978	4814	4157	4650	9.34	cps
Zirconium	91-1	1153	1170	947	1090	11.41	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23252	22755	22361	22789	1.96	cps
Antimony	121-1	1059412	1082009	1070130	1070517	1.06	cps
Arsenic	75-2	26752	27817	27043	27204	2.02	cps
Barium	135-1	124140	126703	123918	124920	1.24	cps
Barium	137-1	217202	217227	220088	218172	0.76	cps
Beryllium	9-1	165136	165008	164232	164792	0.30	cps
Bismuth	209-1	5934252	5795817	5912753	5880941	1.27	cps
Bismuth	209-2	2681681	2798721	2757564	2745989	2.16	cps
Bromine	81-1	1857	1990	1903	1917	3.53	cps
Cadmium	108-1	9247	9493	8910	9216	3.18	cps
Cadmium	106-1	14391	14514	14204	14370	1.09	cps
Cadmium	111-1	140024	141479	142546	141350	0.90	cps
Calcium	43-1	31291	30616	31571	31159	1.58	cps
Calcium	44-1	544598	530349	540085	538344	1.35	cps
Carbon	12-1	2111827	2095531	2110827	2106062	0.43	cps
Carbon	12-2	27259	26878	27162	27099	0.73	cps
Chlorine	35-1	100351	100318	99603	100091	0.42	cps
Chlorine	35-2	773	767	767	769	0.50	cps
Chromium	52-2	156267	160055	157038	157787	1.27	cps
Cobalt	59-2	274962	278631	277197	276930	0.67	cps
Copper	63-2	210999	214034	214023	213019	0.82	cps
Dysprosium	156-1	7	3	10	7	50.03	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	50	97	70	72	32.42	cps
Erbium	164-2	33	27	33	31	12.36	cps
Gadolinium	160-1	63	63	47	58	16.65	cps
Gadolinium	160-2	123	90	120	111	16.52	cps
Holmium	165-1	8452201	8358001	8318882	8376361	0.82	cps
Holmium	165-2	3516089	3608724	3685880	3603565	2.36	cps
Indium	115-1	6102744	6072724	6119598	6098355	0.39	cps
Indium	115-2	872890	877828	874454	875057	0.29	cps
Iron	54-2	142359	143466	143608	143144	0.48	cps
Iron	56-2	2509279	2601511	2511796	2540862	2.07	cps
Iron	57-2	62037	62664	61864	62188	0.68	cps
Krypton	83-1	197	260	227	228	13.91	cps
Lead	206-1	995147	1020299	1015184	1010210	1.32	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	840657	847881	838363	842300	0.59	cps
Lead	208-1	4090512	4081073	4115952	4095846	0.44	cps
Lithium	6-1	2572504	2532721	2541903	2549043	0.82	cps
Magnesium	24-2	149235	150109	145212	148185	1.76	cps
Manganese	55-2	76162	76370	77620	76717	1.03	cps
Molybdenum	94-1	300	413	380	364	15.98	cps
Molybdenum	95-1	130	123	113	122	6.87	cps
Molybdenum	96-1	517	540	543	533	2.72	cps
Molybdenum	97-1	40	60	53	51	19.92	cps
Molybdenum	98-1	210	190	263	221	17.15	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	75509	76451	76384	76115	0.69	cps
Phosphorus	31-2	93	80	117	97	19.20	cps
Potassium	39-2	164510	162127	161073	162570	1.08	cps
Rhodium	103-1	6030377	5932585	5936338	5966433	0.93	cps
Rhodium	103-2	2671016	2625666	2750601	2682427	2.36	cps
Scandium	45-1	3922912	3916653	3969072	3936212	0.73	cps
Scandium	45-2	133420	135610	135482	134838	0.91	cps
Selenium	82-1	19541	18710	19097	19116	2.18	cps
Selenium	77-2	577	563	637	592	6.60	cps
Selenium	78-2	2074	1943	1987	2001	3.31	cps
Silicon	28-1	229209	233036	232885	231710	0.94	cps
Silver	107-1	334266	342703	336115	337695	1.31	cps
Silver	109-1	321016	324974	323280	323090	0.61	cps
Sodium	23-2	478303	476358	473160	475940	0.55	cps
Strontium	86-1	907	810	890	869	5.95	cps
Strontium	88-1	4667	4471	4231	4456	4.91	cps
Sulfur	34-1	315403	317405	313880	315563	0.56	cps
Terbium	159-1	8457762	8336692	8285014	8359823	1.06	cps
Terbium	159-2	3420346	3457099	3404196	3427214	0.79	cps
Thallium	203-1	1206431	1221620	1206415	1211489	0.72	cps
Thallium	205-1	3049240	2995645	3025040	3023308	0.89	cps
Tin	118-1	683	617	537	612	12.00	cps
Titanium	47-1	120	93	143	119	21.05	cps
Uranium	238-1	47	20	40	36	39.03	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICV71	Instrumnet Name :	P8
Client Sample ID :	ICV71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:23:16	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	116762	118502	117410	117558	0.75	cps
Ytterbium	172-1	57	43	47	49	14.20	cps
Ytterbium	172-2	13	30	17	20	44.10	cps
Ytterbium	176-1	803	870	767	813	6.44	cps
Ytterbium	176-2	10061	10211	10654	10309	3.00	cps
Yttrium	89-1	9951415	10208762	9862124	10007434	1.80	cps
Yttrium	89-2	1058354	1070129	1064050	1064178	0.55	cps
Zinc	66-2	49834	51252	50419	50502	1.41	cps
Zirconium	90-1	390	467	590	482	20.93	cps
Zirconium	91-1	277	243	327	282	14.86	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	960	1010	983	984	2.54	cps
Antimony	121-1	10831	10854	10558	10748	1.54	cps
Arsenic	75-2	153	127	113	131	15.54	cps
Barium	135-1	11708	12166	11258	11711	3.87	cps
Barium	137-1	21093	20082	20479	20551	2.48	cps
Beryllium	9-1	1616	1642	1614	1624	0.98	cps
Bismuth	209-1	5861859	5937692	5823063	5874204	0.99	cps
Bismuth	209-2	2788353	2761565	2856318	2802079	1.74	cps
Bromine	81-1	2000	1850	1860	1903	4.41	cps
Cadmium	108-1	90	117	103	103	12.90	cps
Cadmium	106-1	2814	2777	2514	2701	6.06	cps
Cadmium	111-1	3237	3322	2974	3178	5.71	cps
Calcium	43-1	7859	8192	7799	7950	2.67	cps
Calcium	44-1	153493	155419	153523	154145	0.72	cps
Carbon	12-1	2043463	1993048	2008782	2015098	1.28	cps
Carbon	12-2	25589	25612	25142	25448	1.04	cps
Chlorine	35-1	93332	92449	91647	92476	0.91	cps
Chlorine	35-2	603	653	717	658	8.63	cps
Chromium	52-2	3821	3727	3844	3797	1.63	cps
Cobalt	59-2	2754	2677	2654	2695	1.94	cps
Copper	63-2	4858	4864	4864	4862	0.08	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	77	43	63	61	27.46	cps
Erbium	164-2	23	50	30	34	40.30	cps
Gadolinium	160-1	60	43	57	53	16.54	cps
Gadolinium	160-2	123	100	117	113	10.61	cps
Holmium	165-1	8686754	8476481	8345953	8503063	2.02	cps
Holmium	165-2	3561289	3559571	3655735	3592198	1.53	cps
Indium	115-1	6142844	6298879	6137468	6193063	1.48	cps
Indium	115-2	893592	907839	896884	899438	0.83	cps
Iron	54-2	3854	4024	3654	3844	4.82	cps
Iron	56-2	64090	64224	63688	64001	0.44	cps
Iron	57-2	1667	1587	1703	1652	3.61	cps
Krypton	83-1	233	210	217	220	5.46	cps
Lead	206-1	5178	5124	4964	5089	2.18	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4467	4337	4528	4444	2.19	cps
Lead	208-1	20330	20577	20403	20437	0.62	cps
Lithium	6-1	2645329	2635793	2604232	2628452	0.82	cps
Magnesium	24-2	65617	63886	64559	64687	1.35	cps
Manganese	55-2	887	890	800	859	5.94	cps
Molybdenum	94-1	10591	10951	10357	10633	2.81	cps
Molybdenum	95-1	12596	12689	12502	12596	0.74	cps
Molybdenum	96-1	14264	14264	14151	14226	0.46	cps
Molybdenum	97-1	8046	8072	7996	8038	0.48	cps
Molybdenum	98-1	20749	20762	20515	20676	0.67	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	800	713	680	731	8.47	cps
Phosphorus	31-2	100	163	150	138	24.24	cps
Potassium	39-2	46802	45786	46759	46449	1.24	cps
Rhodium	103-1	6065673	6153507	5823687	6014289	2.84	cps
Rhodium	103-2	2745262	2820577	2790245	2785361	1.36	cps
Scandium	45-1	3994335	4025450	4068354	4029380	0.92	cps
Scandium	45-2	139298	136912	141746	139319	1.73	cps
Selenium	82-1	470	473	480	474	1.07	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	53	57	57	56	3.47	cps
Silicon	28-1	255651	253364	251530	253515	0.81	cps
Silver	107-1	6678	6518	6535	6577	1.34	cps
Silver	109-1	6141	6115	6365	6207	2.21	cps
Sodium	23-2	128325	128248	128043	128205	0.11	cps
Strontium	86-1	1933	1840	1987	1920	3.87	cps
Strontium	88-1	14648	14301	14107	14352	1.91	cps
Sulfur	34-1	312134	315872	313557	313854	0.60	cps
Terbium	159-1	8536638	8511416	8331016	8459690	1.33	cps
Terbium	159-2	3458504	3524217	3512666	3498462	1.00	cps
Thallium	203-1	5805	5855	5851	5837	0.48	cps
Thallium	205-1	14458	13801	13901	14053	2.52	cps
Tin	118-1	21220	21320	21387	21309	0.39	cps
Titanium	47-1	3650	3921	3737	3769	3.66	cps
Uranium	238-1	19876	19255	19372	19501	1.69	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:34:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5961	6008	5721	5897	2.61	cps
Ytterbium	172-1	77	43	57	59	28.49	cps
Ytterbium	172-2	27	30	17	24	28.38	cps
Ytterbium	176-1	820	957	863	880	7.94	cps
Ytterbium	176-2	10338	10418	10501	10419	0.78	cps
Yttrium	89-1	10178203	10185900	10039094	10134399	0.82	cps
Yttrium	89-2	1096526	1092070	1105701	1098099	0.63	cps
Zinc	66-2	1480	1377	1310	1389	6.17	cps
Zirconium	90-1	9133	8820	8723	8892	2.41	cps
Zirconium	91-1	2050	1990	2000	2014	1.60	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	77	70	25.20	cps
Antimony	121-1	60	83	60	68	19.87	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	67	60	53	60	11.12	cps
Barium	137-1	63	60	67	63	5.27	cps
Beryllium	9-1	54	44	51	50	10.50	cps
Bismuth	209-1	5876673	5667448	5937164	5827095	2.43	cps
Bismuth	209-2	2834162	2822572	2742465	2799733	1.78	cps
Bromine	81-1	1787	1863	2004	1885	5.83	cps
Cadmium	108-1	20	10	0	10	100.00	cps
Cadmium	106-1	2510	2360	2350	2407	3.72	cps
Cadmium	111-1	1750	1652	1655	1686	3.30	cps
Calcium	43-1	193	213	160	189	14.27	cps
Calcium	44-1	26758	27707	27684	27383	1.98	cps
Carbon	12-1	1892927	1920101	1920671	1911233	0.83	cps
Carbon	12-2	24834	23639	24374	24282	2.48	cps
Chlorine	35-1	84347	83864	82510	83574	1.14	cps
Chlorine	35-2	577	590	687	618	9.72	cps
Chromium	52-2	857	707	777	780	9.62	cps
Cobalt	59-2	53	53	30	46	29.57	cps
Copper	63-2	713	583	573	623	12.53	cps
Dysprosium	156-1	7	3	0	3	100.05	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	53	63	57	58	8.81	cps
Erbium	164-2	23	23	20	22	8.65	cps
Gadolinium	160-1	43	57	50	50	13.34	cps
Gadolinium	160-2	143	123	137	134	7.57	cps
Holmium	165-1	8594538	8550313	8395542	8513464	1.23	cps
Holmium	165-2	3522111	3611089	3586817	3573339	1.29	cps
Indium	115-1	6161331	6130392	6041226	6110983	1.02	cps
Indium	115-2	901785	891111	897278	896725	0.60	cps
Iron	54-2	293	267	310	290	7.54	cps
Iron	56-2	1657	1810	1700	1722	4.59	cps
Iron	57-2	130	77	100	102	26.15	cps
Krypton	83-1	230	187	183	200	13.02	cps
Lead	206-1	353	307	373	344	9.93	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	357	253	227	279	24.62	cps
Lead	208-1	1453	1277	1270	1333	7.80	cps
Lithium	6-1	2603648	2644171	2630117	2625979	0.78	cps
Magnesium	24-2	180	110	153	148	23.91	cps
Manganese	55-2	70	67	63	67	5.00	cps
Molybdenum	94-1	123	160	117	133	17.50	cps
Molybdenum	95-1	67	50	60	59	14.25	cps
Molybdenum	96-1	133	137	117	129	8.31	cps
Molybdenum	97-1	13	10	23	16	44.60	cps
Molybdenum	98-1	77	63	50	63	21.06	cps
Neodymium	150-1	10	17	3	10	66.70	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	53	57	53	6.25	cps
Phosphorus	31-2	53	100	93	82	30.70	cps
Potassium	39-2	7575	8099	7896	7857	3.36	cps
Rhodium	103-1	6099806	5980724	6006584	6029038	1.04	cps
Rhodium	103-2	2739977	2722964	2727445	2730128	0.32	cps
Scandium	45-1	3949003	4005324	3967009	3973779	0.72	cps
Scandium	45-2	138026	138302	139556	138628	0.59	cps
Selenium	82-1	-10	50	10	17	183.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	20	13	49.99	cps
Silicon	28-1	222209	221180	222571	221987	0.33	cps
Silver	107-1	60	130	87	92	38.31	cps
Silver	109-1	47	67	27	47	42.85	cps
Sodium	23-2	14681	14387	14561	14543	1.02	cps
Strontium	86-1	450	420	340	403	14.10	cps
Strontium	88-1	857	753	707	772	9.94	cps
Sulfur	34-1	310293	312041	312031	311455	0.32	cps
Terbium	159-1	8723874	8504780	8408696	8545783	1.89	cps
Terbium	159-2	3518013	3502319	3504490	3508274	0.24	cps
Thallium	203-1	157	143	120	140	13.26	cps
Thallium	205-1	367	323	363	351	6.87	cps
Tin	118-1	587	533	587	569	5.41	cps
Titanium	47-1	103	73	70	82	22.33	cps
Uranium	238-1	20	33	27	27	24.99	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICB71	Instrumnet Name :	P8
Client Sample ID :	ICB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:41:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	23	17	16	53.90	cps
Ytterbium	172-1	63	47	53	54	15.40	cps
Ytterbium	172-2	27	23	23	24	7.89	cps
Ytterbium	176-1	947	897	897	913	3.16	cps
Ytterbium	176-2	10608	10274	10785	10555	2.46	cps
Yttrium	89-1	10250998	10263695	10259089	10257927	0.06	cps
Yttrium	89-2	1088314	1085588	1092259	1088720	0.31	cps
Zinc	66-2	123	143	130	132	7.70	cps
Zirconium	90-1	350	337	397	361	8.73	cps
Zirconium	91-1	73	40	100	71	42.27	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4035281	4029672	4083058	4049337	0.72	cps
Antimony	121-1	5665	5608	5805	5692	1.78	cps
Arsenic	75-2	60	33	33	42	36.47	cps
Barium	135-1	1727	1700	1777	1735	2.24	cps
Barium	137-1	3084	3084	3027	3065	1.07	cps
Beryllium	9-1	460	457	502	473	5.34	cps
Bismuth	209-1	5414854	5613076	5579615	5535848	1.92	cps
Bismuth	209-2	2568283	2616154	2531435	2571958	1.65	cps
Bromine	81-1	1987	2040	2164	2064	4.39	cps
Cadmium	108-1	1787	1540	1650	1659	7.45	cps
Cadmium	106-1	2187	2350	2107	2215	5.60	cps
Cadmium	111-1	2200	2537	2287	2341	7.48	cps
Calcium	43-1	1453244	1472181	1469083	1464836	0.69	cps
Calcium	44-1	23284147	23798874	23197040	23426687	1.39	cps
Carbon	12-1	12381318	12533787	12633734	12516280	1.02	cps
Carbon	12-2	166660	163593	164328	164860	0.97	cps
Chlorine	35-1	11707642	13342662	14177715	13076006	9.61	cps
Chlorine	35-2	118090	118141	120261	118831	1.04	cps
Chromium	52-2	29714	29006	29624	29448	1.31	cps
Cobalt	59-2	2927	3140	3087	3051	3.64	cps
Copper	63-2	15679	15091	15742	15504	2.31	cps
Dysprosium	156-1	27	30	37	31	16.37	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	60	53	90	68	28.82	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	80	63	60	68	15.81	cps
Gadolinium	160-2	133	113	133	127	9.12	cps
Holmium	165-1	8391207	8501183	8334346	8408912	1.01	cps
Holmium	165-2	3467694	3384368	3472108	3441390	1.44	cps
Indium	115-1	5822194	5895762	5853684	5857213	0.63	cps
Indium	115-2	795121	809380	816683	807061	1.36	cps
Iron	54-2	6362249	6329381	6265531	6319054	0.78	cps
Iron	56-2	113028788	114615938	115745788	114463505	1.19	cps
Iron	57-2	2922187	2955837	2929236	2935753	0.60	cps
Krypton	83-1	197	207	223	209	6.45	cps
Lead	206-1	24173	23328	22937	23479	2.69	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18961	18587	18366	18638	1.61	cps
Lead	208-1	90878	88705	86683	88755	2.36	cps
Lithium	6-1	2389991	2368384	2453709	2404028	1.85	cps
Magnesium	24-2	11459060	11259534	11290656	11336417	0.95	cps
Manganese	55-2	5895	5788	5404	5696	4.53	cps
Molybdenum	94-1	2821253	2922624	2900480	2881452	1.85	cps
Molybdenum	95-1	4977045	4983081	4916159	4958761	0.75	cps
Molybdenum	96-1	5291239	5323250	5256465	5290318	0.63	cps
Molybdenum	97-1	3081328	3130360	3101822	3104503	0.79	cps
Molybdenum	98-1	7915953	7933536	7982539	7944009	0.43	cps
Neodymium	150-1	33	47	33	38	20.39	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	3687	3714	3607	3669	1.51	cps
Phosphorus	31-2	193240	193949	191415	192868	0.68	cps
Potassium	39-2	7174360	7127127	7047864	7116450	0.90	cps
Rhodium	103-1	5500524	5534361	5533023	5522636	0.35	cps
Rhodium	103-2	2401031	2389480	2469383	2419965	1.78	cps
Scandium	45-1	3690357	3681515	3701571	3691148	0.27	cps
Scandium	45-2	125869	126484	125331	125895	0.46	cps
Selenium	82-1	-17	20	-7	-1	-1702.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	13	30	19	50.96	cps
Silicon	28-1	307401	312177	308801	309460	0.79	cps
Silver	107-1	207	253	207	222	12.12	cps
Silver	109-1	167	240	233	213	19.01	cps
Sodium	23-2	21543167	21408837	21221639	21391214	0.75	cps
Strontium	86-1	50728	52398	51993	51706	1.68	cps
Strontium	88-1	454203	443674	450683	449520	1.19	cps
Sulfur	34-1	2116651	2115296	2132051	2121332	0.44	cps
Terbium	159-1	8281007	8213192	8489077	8327758	1.73	cps
Terbium	159-2	3322589	3349104	3329468	3333720	0.41	cps
Thallium	203-1	727	647	763	712	8.38	cps
Thallium	205-1	1600	1543	1640	1595	3.05	cps
Tin	118-1	1463	1193	1203	1287	11.90	cps
Titanium	47-1	1450000	1401898	1455121	1435673	2.05	cps
Uranium	238-1	343	383	357	361	5.64	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSA71	Instrumnet Name :	P8
Client Sample ID :	ICSA71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:45:08	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	153	143	233	177	27.92	cps
Ytterbium	172-1	43	73	70	62	26.43	cps
Ytterbium	172-2	23	17	30	23	28.56	cps
Ytterbium	176-1	920	837	830	862	5.82	cps
Ytterbium	176-2	9497	9540	9890	9642	2.24	cps
Yttrium	89-1	9469863	9847388	9743722	9686991	2.01	cps
Yttrium	89-2	1004169	987006	1007423	999533	1.10	cps
Zinc	66-2	3007	2840	2754	2867	4.49	cps
Zirconium	90-1	477	480	487	481	1.06	cps
Zirconium	91-1	160	80	103	114	35.95	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4051287	4024494	4069863	4048548	0.56	cps
Antimony	121-1	108953	111027	109585	109855	0.97	cps
Arsenic	75-2	2454	2367	2414	2411	1.80	cps
Barium	135-1	25995	25745	26249	25996	0.97	cps
Barium	137-1	45473	45737	45470	45560	0.34	cps
Beryllium	9-1	30176	30271	30429	30292	0.42	cps
Bismuth	209-1	5622457	5692856	5578032	5631115	1.03	cps
Bismuth	209-2	2610359	2594038	2564563	2589654	0.90	cps
Bromine	81-1	2004	2220	2124	2116	5.13	cps
Cadmium	108-1	3344	3397	3277	3339	1.80	cps
Cadmium	106-1	4721	4624	4668	4671	1.04	cps
Cadmium	111-1	27964	28139	27756	27953	0.69	cps
Calcium	43-1	1514318	1532077	1512880	1519758	0.70	cps
Calcium	44-1	24666725	24098091	24263770	24342862	1.20	cps
Carbon	12-1	12789399	13162354	13338279	13096677	2.14	cps
Carbon	12-2	171168	172942	171865	171992	0.52	cps
Chlorine	35-1	14783671	16543464	17237308	16188147	7.81	cps
Chlorine	35-2	133398	131548	136247	133731	1.77	cps
Chromium	52-2	57937	57361	58205	57834	0.75	cps
Cobalt	59-2	52523	53350	52928	52934	0.78	cps
Copper	63-2	53303	53544	54621	53823	1.30	cps
Dysprosium	156-1	20	30	30	27	21.65	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	60	97	60	72	29.31	cps
Erbium	164-2	37	20	17	24	43.83	cps
Gadolinium	160-1	80	67	50	66	22.93	cps
Gadolinium	160-2	120	143	143	136	9.94	cps
Holmium	165-1	8502524	8862481	8679830	8681612	2.07	cps
Holmium	165-2	3490450	3437973	3533545	3487323	1.37	cps
Indium	115-1	5891363	5981467	5909436	5927422	0.80	cps
Indium	115-2	818626	816969	823267	819621	0.40	cps
Iron	54-2	6266910	6237656	6200889	6235152	0.53	cps
Iron	56-2	116458242	115032818	114996545	115495868	0.72	cps
Iron	57-2	2914238	2969725	2932294	2938752	0.96	cps
Krypton	83-1	220	227	203	217	5.55	cps
Lead	206-1	151575	149674	151451	150900	0.70	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	124946	130930	127690	127855	2.34	cps
Lead	208-1	586757	591628	591074	589820	0.45	cps
Lithium	6-1	2418756	2471258	2416451	2435488	1.27	cps
Magnesium	24-2	11408044	11056808	11220664	11228505	1.57	cps
Manganese	55-2	19437	19473	19597	19502	0.43	cps
Molybdenum	94-1	2940595	2909296	2887103	2912331	0.92	cps
Molybdenum	95-1	5086532	5013328	5094024	5064628	0.88	cps
Molybdenum	96-1	5377517	5450783	5395315	5407872	0.71	cps
Molybdenum	97-1	3134326	3145572	3113393	3131097	0.52	cps
Molybdenum	98-1	8201134	8124916	8081668	8135906	0.74	cps
Neodymium	150-1	33	23	50	36	37.90	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	17361	17164	17157	17227	0.67	cps
Phosphorus	31-2	192889	192135	192919	192647	0.23	cps
Potassium	39-2	7241058	7166392	7068613	7158688	1.21	cps
Rhodium	103-1	5653981	5662497	5652469	5656316	0.10	cps
Rhodium	103-2	2513595	2449413	2414354	2459121	2.05	cps
Scandium	45-1	3894043	3850591	3830073	3858236	0.85	cps
Scandium	45-2	130547	128869	125977	128464	1.80	cps
Selenium	82-1	1820	1807	1630	1752	6.05	cps
Selenium	77-2	57	43	47	49	14.20	cps
Selenium	78-2	173	173	220	189	14.26	cps
Silicon	28-1	324705	327172	327367	326415	0.45	cps
Silver	107-1	121154	125374	126803	124444	2.36	cps
Silver	109-1	118848	119500	119543	119297	0.33	cps
Sodium	23-2	21970080	21073683	21279578	21441114	2.19	cps
Strontium	86-1	53679	54268	53970	53973	0.55	cps
Strontium	88-1	456674	458909	464948	460177	0.93	cps
Sulfur	34-1	2199712	2205524	2158145	2187794	1.18	cps
Terbium	159-1	8413845	8592958	8398360	8468388	1.28	cps
Terbium	159-2	3383393	3351841	3425529	3386921	1.09	cps
Thallium	203-1	142176	141603	140481	141420	0.61	cps
Thallium	205-1	338416	347277	343560	343085	1.30	cps
Tin	118-1	1263	1213	1310	1262	3.83	cps
Titanium	47-1	1483993	1465766	1498693	1482818	1.11	cps
Uranium	238-1	633	397	403	478	28.21	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	ICSAB71	Instrumnet Name :	P8
Client Sample ID :	ICSAB71	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:48:24	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22020	22124	22224	22123	0.46	cps
Ytterbium	172-1	60	83	57	67	21.79	cps
Ytterbium	172-2	20	13	50	28	70.32	cps
Ytterbium	176-1	797	780	730	769	4.51	cps
Ytterbium	176-2	9233	9387	10147	9589	5.10	cps
Yttrium	89-1	9953948	10016035	9902288	9957424	0.57	cps
Yttrium	89-2	1014906	1005821	1016707	1012478	0.58	cps
Zinc	66-2	7119	7492	7435	7349	2.74	cps
Zirconium	90-1	563	587	547	566	3.55	cps
Zirconium	91-1	150	100	150	133	21.65	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2199573	2202909	2195498	2199327	0.17	cps
Antimony	121-1	2599721	2509768	2587122	2565537	1.90	cps
Arsenic	75-2	61584	62702	62253	62180	0.90	cps
Barium	135-1	3088103	3007056	3025897	3040352	1.40	cps
Barium	137-1	5222649	5191369	5237516	5217178	0.45	cps
Beryllium	9-1	727019	720948	721684	723217	0.46	cps
Bismuth	209-1	5616965	5400274	5360989	5459409	2.53	cps
Bismuth	209-2	2451482	2439578	2421209	2437423	0.63	cps
Bromine	81-1	2260	2017	2127	2135	5.71	cps
Cadmium	108-1	52185	49964	51171	51107	2.18	cps
Cadmium	106-1	72070	70328	71957	71452	1.36	cps
Cadmium	111-1	657800	655379	643605	652261	1.16	cps
Calcium	43-1	3914963	3896483	3956742	3922730	0.79	cps
Calcium	44-1	63446154	61803551	62543397	62597701	1.31	cps
Carbon	12-1	2615147	2713302	2732803	2687084	2.35	cps
Carbon	12-2	38006	38116	38574	38232	0.79	cps
Chlorine	35-1	1189837	1156425	1139494	1161919	2.20	cps
Chlorine	35-2	8016	7385	6905	7435	7.49	cps
Chromium	52-2	704070	706905	700453	703809	0.46	cps
Cobalt	59-2	1265346	1255871	1247293	1256170	0.72	cps
Copper	63-2	9481624	9408855	9440496	9443658	0.39	cps
Dysprosium	156-1	717	653	650	673	5.58	cps
Dysprosium	156-2	283	323	250	286	12.86	cps
Erbium	164-1	140	163	130	144	11.84	cps
Erbium	164-2	80	70	63	71	11.80	cps
Gadolinium	160-1	680	793	723	732	7.81	cps
Gadolinium	160-2	453	477	433	454	4.77	cps
Holmium	165-1	8503020	8077404	8301434	8293953	2.57	cps
Holmium	165-2	3413572	3341052	3400789	3385138	1.14	cps
Indium	115-1	5837528	5598476	5438633	5624879	3.57	cps
Indium	115-2	784730	787624	776493	782949	0.74	cps
Iron	54-2	8140501	8137522	8141405	8139809	0.02	cps
Iron	56-2	149877811	148125721	148120128	148707887	0.68	cps
Iron	57-2	3740153	3810042	3768234	3772810	0.93	cps
Krypton	83-1	180	150	173	168	9.39	cps
Lead	206-1	12438331	12219354	12025617	12227768	1.69	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10607608	10644391	10498056	10583352	0.72	cps
Lead	208-1	49261004	48457852	48229048	48649302	1.11	cps
Lithium	6-1	2359390	2290216	2298115	2315907	1.63	cps
Magnesium	24-2	30682672	30916303	30369455	30656143	0.90	cps
Manganese	55-2	3558655	3522049	3484637	3521780	1.05	cps
Molybdenum	94-1	8995089	8828579	9076597	8966755	1.41	cps
Molybdenum	95-1	13089597	12788225	12853904	12910576	1.23	cps
Molybdenum	96-1	14325410	14122802	14221762	14223325	0.71	cps
Molybdenum	97-1	8113739	7851189	7889072	7951334	1.78	cps
Molybdenum	98-1	21627801	20670044	20667092	20988312	2.64	cps
Neodymium	150-1	230	270	230	243	9.49	cps
Neodymium	150-2	67	47	33	49	34.32	cps
Nickel	60-2	339265	335234	337093	337197	0.60	cps
Phosphorus	31-2	19250	19974	19260	19494	2.13	cps
Potassium	39-2	9041561	9041633	9014977	9032723	0.17	cps
Rhodium	103-1	5383771	5180471	5218549	5260930	2.05	cps
Rhodium	103-2	2342943	2324005	2330498	2332482	0.41	cps
Scandium	45-1	3724658	3683550	3635467	3681225	1.21	cps
Scandium	45-2	125485	125687	123462	124878	0.99	cps
Selenium	82-1	42960	41488	42120	42190	1.75	cps
Selenium	77-2	1273	1250	1247	1257	1.16	cps
Selenium	78-2	4234	4071	4521	4275	5.33	cps
Silicon	28-1	2771832	2798388	2864235	2811485	1.69	cps
Silver	107-1	3451354	3368975	3355633	3391987	1.53	cps
Silver	109-1	3254890	3220967	3180398	3218752	1.16	cps
Sodium	23-2	53781949	54551379	53057371	53796900	1.39	cps
Strontium	86-1	19717286	18907079	19104395	19242920	2.20	cps
Strontium	88-1	167248694	167025154	165687204	166653684	0.51	cps
Sulfur	34-1	534435	528708	527980	530374	0.67	cps
Terbium	159-1	8477744	8157090	8233826	8289553	2.02	cps
Terbium	159-2	3276146	3227769	3201309	3235075	1.17	cps
Thallium	203-1	2999021	2995863	2943187	2979357	1.05	cps
Thallium	205-1	7162686	7231183	6937371	7110413	2.16	cps
Tin	118-1	2118905	2062002	2071080	2083996	1.47	cps
Titanium	47-1	3703442	3646569	3628574	3659528	1.07	cps
Uranium	238-1	10949107	10766452	10963865	10893141	1.01	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 11:57:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	551415	548062	546777	548751	0.44	cps
Ytterbium	172-1	127	137	133	132	3.85	cps
Ytterbium	172-2	67	30	67	54	38.88	cps
Ytterbium	176-1	13337	13514	12876	13242	2.48	cps
Ytterbium	176-2	14361	14618	14538	14506	0.91	cps
Yttrium	89-1	9822388	9472494	9156037	9483640	3.51	cps
Yttrium	89-2	993170	975109	975556	981278	1.05	cps
Zinc	66-2	1202640	1181052	1187225	1190306	0.93	cps
Zirconium	90-1	4379314	4356028	4281363	4338902	1.18	cps
Zirconium	91-1	984094	972426	984052	980191	0.69	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	57	110	98	37.40	cps
Antimony	121-1	230	287	490	336	40.75	cps
Arsenic	75-2	3	7	0	3	100.05	cps
Barium	135-1	90	93	63	82	20.00	cps
Barium	137-1	147	127	70	114	34.75	cps
Beryllium	9-1	102	76	81	87	16.08	cps
Bismuth	209-1	5922896	5980573	6011199	5971556	0.75	cps
Bismuth	209-2	2759910	2736157	2870254	2788774	2.57	cps
Bromine	81-1	1797	1943	1977	1906	5.03	cps
Cadmium	108-1	13	7	7	9	43.25	cps
Cadmium	106-1	2154	2004	2207	2121	4.97	cps
Cadmium	111-1	1528	1414	1570	1504	5.35	cps
Calcium	43-1	223	147	160	177	23.19	cps
Calcium	44-1	25747	24685	26441	25624	3.45	cps
Carbon	12-1	1862466	1876871	1839596	1859644	1.01	cps
Carbon	12-2	24003	23359	23980	23780	1.54	cps
Chlorine	35-1	409478	402246	394563	402096	1.85	cps
Chlorine	35-2	2927	2620	2754	2767	5.56	cps
Chromium	52-2	793	813	807	804	1.27	cps
Cobalt	59-2	60	47	57	54	12.74	cps
Copper	63-2	710	673	660	681	3.80	cps
Dysprosium	156-1	13	7	3	8	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	57	80	62	25.32	cps
Erbium	164-2	23	40	10	24	61.49	cps
Gadolinium	160-1	67	53	37	52	28.78	cps
Gadolinium	160-2	73	97	160	110	40.77	cps
Holmium	165-1	8549486	8441824	8481311	8490874	0.64	cps
Holmium	165-2	3640772	3572834	3645520	3619709	1.12	cps
Indium	115-1	6068127	6132679	6148789	6116532	0.70	cps
Indium	115-2	880206	878258	887242	881902	0.54	cps
Iron	54-2	337	333	310	327	4.45	cps
Iron	56-2	2380	2190	2860	2477	13.95	cps
Iron	57-2	113	70	180	121	45.75	cps
Krypton	83-1	183	207	177	189	8.34	cps
Lead	206-1	740	680	717	712	4.25	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	617	617	690	641	6.60	cps
Lead	208-1	3057	2950	2877	2961	3.06	cps
Lithium	6-1	2517092	2524343	2581904	2541113	1.40	cps
Magnesium	24-2	260	243	403	302	29.11	cps
Manganese	55-2	83	50	93	76	30.03	cps
Molybdenum	94-1	230	247	230	236	4.09	cps
Molybdenum	95-1	263	143	133	180	40.19	cps
Molybdenum	96-1	340	190	183	238	37.26	cps
Molybdenum	97-1	143	103	93	113	23.35	cps
Molybdenum	98-1	440	260	243	314	34.68	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	50	57	50	52	7.37	cps
Phosphorus	31-2	60	53	57	57	5.89	cps
Potassium	39-2	10400	9820	9913	10045	3.10	cps
Rhodium	103-1	5955299	6194765	6045757	6065274	1.99	cps
Rhodium	103-2	2705216	2675409	2763658	2714761	1.65	cps
Scandium	45-1	3992735	3799379	4007654	3933256	2.95	cps
Scandium	45-2	135852	135879	133407	135046	1.05	cps
Selenium	82-1	-27	-30	50	-2	-2035.56	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	3	10	7	7	50.03	cps
Silicon	28-1	210538	210810	212051	211133	0.38	cps
Silver	107-1	1437	287	130	618	115.50	cps
Silver	109-1	1403	267	83	584	122.35	cps
Sodium	23-2	28164	27346	26821	27444	2.47	cps
Strontium	86-1	617	457	443	506	19.08	cps
Strontium	88-1	2577	1400	1283	1753	40.81	cps
Sulfur	34-1	307426	308762	311024	309071	0.59	cps
Terbium	159-1	8581226	8688570	8392249	8554015	1.75	cps
Terbium	159-2	3444799	3544802	3447099	3478900	1.64	cps
Thallium	203-1	413	457	387	419	8.43	cps
Thallium	205-1	1077	1007	940	1008	6.78	cps
Tin	118-1	660	570	577	602	8.33	cps
Titanium	47-1	137	123	97	119	17.13	cps
Uranium	238-1	80	57	53	63	22.94	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:06:17	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	30	3	16	86.63	cps
Ytterbium	172-1	40	80	97	72	40.33	cps
Ytterbium	172-2	23	23	33	27	21.65	cps
Ytterbium	176-1	797	757	817	790	3.87	cps
Ytterbium	176-2	9774	9900	10391	10022	3.25	cps
Yttrium	89-1	10185900	9983931	10280125	10149985	1.49	cps
Yttrium	89-2	1065727	1074136	1067067	1068977	0.42	cps
Zinc	66-2	143	180	173	166	11.80	cps
Zirconium	90-1	460	397	437	431	7.43	cps
Zirconium	91-1	77	100	93	90	13.35	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	897	863	1000	920	7.75	cps
Antimony	121-1	10297	10434	10831	10521	2.64	cps
Arsenic	75-2	153	120	123	132	13.89	cps
Barium	135-1	11959	12422	11999	12127	2.12	cps
Barium	137-1	20666	20786	20769	20740	0.31	cps
Beryllium	9-1	1666	1585	1605	1619	2.62	cps
Bismuth	209-1	5976742	5826678	5856523	5886648	1.35	cps
Bismuth	209-2	2867179	2781632	2773326	2807379	1.85	cps
Bromine	81-1	2304	2280	2474	2352	4.49	cps
Cadmium	108-1	120	147	153	140	12.60	cps
Cadmium	106-1	2570	2364	2324	2419	5.47	cps
Cadmium	111-1	3129	2962	2873	2988	4.35	cps
Calcium	43-1	7866	7906	7732	7834	1.16	cps
Calcium	44-1	151529	153958	152068	152518	0.84	cps
Carbon	12-1	1917433	1879291	1880579	1892434	1.14	cps
Carbon	12-2	24060	23950	23893	23967	0.35	cps
Chlorine	35-1	336498	332139	327169	331935	1.41	cps
Chlorine	35-2	2177	2400	2214	2264	5.29	cps
Chromium	52-2	3807	3881	3607	3765	3.76	cps
Cobalt	59-2	2670	2867	2647	2728	4.43	cps
Copper	63-2	4761	4554	4801	4705	2.81	cps
Dysprosium	156-1	13	0	3	6	124.93	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	73	50	58	23.31	cps
Erbium	164-2	17	37	17	23	49.48	cps
Gadolinium	160-1	67	60	40	56	24.98	cps
Gadolinium	160-2	80	97	80	86	11.25	cps
Holmium	165-1	8424744	8597642	8711861	8578082	1.69	cps
Holmium	165-2	3521428	3558648	3652521	3577532	1.89	cps
Indium	115-1	6250936	6234918	6203017	6229624	0.39	cps
Indium	115-2	869379	875095	889941	878138	1.21	cps
Iron	54-2	3654	3520	3897	3691	5.18	cps
Iron	56-2	62710	62178	61662	62184	0.84	cps
Iron	57-2	1597	1493	1647	1579	4.95	cps
Krypton	83-1	177	227	243	216	16.10	cps
Lead	206-1	5998	5231	5568	5599	6.87	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4884	4848	4698	4810	2.06	cps
Lead	208-1	23335	21324	22008	22222	4.60	cps
Lithium	6-1	2511614	2519387	2478415	2503139	0.87	cps
Magnesium	24-2	62252	62627	63036	62638	0.63	cps
Manganese	55-2	877	857	780	838	6.09	cps
Molybdenum	94-1	10864	10681	10831	10792	0.91	cps
Molybdenum	95-1	13280	12676	12846	12934	2.41	cps
Molybdenum	96-1	14815	14942	14431	14729	1.81	cps
Molybdenum	97-1	8419	8026	7986	8144	2.94	cps
Molybdenum	98-1	22198	20859	20555	21204	4.12	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	810	667	750	742	9.70	cps
Phosphorus	31-2	127	143	157	142	10.57	cps
Potassium	39-2	45896	46893	47170	46653	1.44	cps
Rhodium	103-1	6153055	6157035	6107766	6139285	0.45	cps
Rhodium	103-2	2612959	2684038	2756814	2684604	2.68	cps
Scandium	45-1	3908162	4000987	3999542	3969564	1.34	cps
Scandium	45-2	133877	134318	133786	133994	0.21	cps
Selenium	82-1	443	510	457	470	7.51	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	63	63	53	60	9.62	cps
Silicon	28-1	231345	229869	233546	231587	0.80	cps
Silver	107-1	6935	6652	6545	6711	3.01	cps
Silver	109-1	6855	6175	6191	6407	6.06	cps
Sodium	23-2	132424	132815	135493	133577	1.25	cps
Strontium	86-1	2727	1923	2027	2226	19.64	cps
Strontium	88-1	20708	15198	14474	16794	20.30	cps
Sulfur	34-1	315354	316599	315981	315978	0.20	cps
Terbium	159-1	8573230	8711961	8546738	8610643	1.03	cps
Terbium	159-2	3487446	3450019	3463887	3467117	0.55	cps
Thallium	203-1	6225	6312	5828	6122	4.21	cps
Thallium	205-1	14732	14618	14962	14771	1.19	cps
Tin	118-1	22091	20989	21667	21583	2.57	cps
Titanium	47-1	3841	3764	4215	3940	6.12	cps
Uranium	238-1	20220	19478	19926	19875	1.88	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:09:41	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5721	5738	5848	5769	1.19	cps
Ytterbium	172-1	50	43	53	49	10.42	cps
Ytterbium	172-2	27	17	20	21	24.12	cps
Ytterbium	176-1	813	877	727	806	9.35	cps
Ytterbium	176-2	9784	9904	10284	9991	2.61	cps
Yttrium	89-1	10183367	10232083	10426224	10280558	1.25	cps
Yttrium	89-2	1053244	1066842	1067263	1062450	0.75	cps
Zinc	66-2	1360	1317	1370	1349	2.10	cps
Zirconium	90-1	8896	9140	9020	9019	1.35	cps
Zirconium	91-1	2004	2084	1877	1988	5.24	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	83	93	83	12.00	cps
Antimony	121-1	73	193	207	158	46.55	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	103	140	87	110	24.80	cps
Barium	137-1	77	187	120	128	43.36	cps
Beryllium	9-1	61	66	67	65	5.09	cps
Bismuth	209-1	5900694	5959347	5817141	5892394	1.21	cps
Bismuth	209-2	2767873	2736027	2774634	2759511	0.75	cps
Bromine	81-1	2557	2340	2384	2427	4.72	cps
Cadmium	108-1	3	3	17	8	99.04	cps
Cadmium	106-1	2460	2394	2314	2389	3.07	cps
Cadmium	111-1	1743	1690	1614	1683	3.84	cps
Calcium	43-1	153	230	250	211	24.17	cps
Calcium	44-1	27082	27897	28078	27686	1.92	cps
Carbon	12-1	1848880	1869619	1863763	1860754	0.57	cps
Carbon	12-2	23756	23399	23759	23638	0.88	cps
Chlorine	35-1	268902	264641	262812	265452	1.18	cps
Chlorine	35-2	2000	1903	1950	1951	2.48	cps
Chromium	52-2	820	780	760	787	3.88	cps
Cobalt	59-2	57	53	23	44	41.31	cps
Copper	63-2	583	567	620	590	4.62	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	67	57	73	66	12.79	cps
Erbium	164-2	17	33	40	30	40.05	cps
Gadolinium	160-1	47	43	37	42	12.06	cps
Gadolinium	160-2	127	117	103	116	10.13	cps
Holmium	165-1	8627450	8585576	8490825	8567950	0.82	cps
Holmium	165-2	3577821	3591767	3485759	3551783	1.62	cps
Indium	115-1	6204619	6185461	6189278	6193119	0.16	cps
Indium	115-2	883194	876546	874691	878144	0.51	cps
Iron	54-2	227	260	300	262	14.00	cps
Iron	56-2	1710	1757	1757	1741	1.55	cps
Iron	57-2	113	73	77	88	25.28	cps
Krypton	83-1	213	210	263	229	13.05	cps
Lead	206-1	507	810	637	651	23.37	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	507	687	537	577	16.72	cps
Lead	208-1	2153	3214	2577	2648	20.15	cps
Lithium	6-1	2532147	2515527	2590877	2546184	1.55	cps
Magnesium	24-2	147	170	157	158	7.42	cps
Manganese	55-2	53	60	47	53	12.50	cps
Molybdenum	94-1	167	377	270	271	38.73	cps
Molybdenum	95-1	93	427	173	231	75.30	cps
Molybdenum	96-1	123	580	293	332	69.47	cps
Molybdenum	97-1	43	317	90	150	97.48	cps
Molybdenum	98-1	143	713	283	380	78.17	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	67	73	60	67	10.00	cps
Phosphorus	31-2	63	60	57	60	5.55	cps
Potassium	39-2	9667	9663	9333	9554	2.01	cps
Rhodium	103-1	6124971	5898383	6040717	6021357	1.90	cps
Rhodium	103-2	2697130	2676214	2626944	2666762	1.35	cps
Scandium	45-1	3887053	3975079	3924596	3928910	1.12	cps
Scandium	45-2	135670	133450	132790	133970	1.13	cps
Selenium	82-1	-23	-40	-50	-38	-35.65	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	3	10	13	9	57.30	cps
Silicon	28-1	211871	213859	213167	212966	0.47	cps
Silver	107-1	140	173	517	277	75.37	cps
Silver	109-1	70	130	440	213	93.09	cps
Sodium	23-2	21810	22190	21680	21893	1.21	cps
Strontium	86-1	403	723	667	598	28.57	cps
Strontium	88-1	1183	4304	1907	2465	66.27	cps
Sulfur	34-1	319279	318481	319248	319002	0.14	cps
Terbium	159-1	8642387	8572903	8560972	8592088	0.51	cps
Terbium	159-2	3474508	3538360	3399634	3470834	2.00	cps
Thallium	203-1	343	420	453	406	13.91	cps
Thallium	205-1	917	1000	917	944	5.09	cps
Tin	118-1	523	587	667	592	12.13	cps
Titanium	47-1	80	197	70	116	60.94	cps
Uranium	238-1	63	213	67	114	74.85	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BL	Instrumnet Name :	P8
Client Sample ID :	PB158007BL	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:14:41	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	3	7	11	96.43	cps
Ytterbium	172-1	40	53	63	52	22.41	cps
Ytterbium	172-2	27	23	30	27	12.51	cps
Ytterbium	176-1	673	870	797	780	12.74	cps
Ytterbium	176-2	10047	9867	9847	9920	1.11	cps
Yttrium	89-1	10476009	10148138	10027006	10217051	2.27	cps
Yttrium	89-2	1066354	1056395	1049609	1057453	0.80	cps
Zinc	66-2	133	117	103	118	12.77	cps
Zirconium	90-1	367	417	513	432	17.25	cps
Zirconium	91-1	93	107	107	102	7.53	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430834	439245	436556	435545	0.99	cps
Antimony	121-1	2790094	2756899	2718125	2755039	1.31	cps
Arsenic	75-2	64544	64162	63081	63929	1.19	cps
Barium	135-1	3189767	3197063	3205004	3197278	0.24	cps
Barium	137-1	5496620	5380311	5522092	5466341	1.38	cps
Beryllium	9-1	770520	765540	752613	762891	1.21	cps
Bismuth	209-1	5817962	5856933	5749595	5808163	0.94	cps
Bismuth	209-2	2606555	2663679	2579866	2616700	1.64	cps
Bromine	81-1	1773	1653	1647	1691	4.22	cps
Cadmium	108-1	54866	54434	54775	54692	0.42	cps
Cadmium	106-1	76585	74567	75056	75403	1.40	cps
Cadmium	111-1	693850	685752	679129	686244	1.07	cps
Calcium	43-1	917016	922891	903448	914452	1.09	cps
Calcium	44-1	14504131	14325236	14030814	14286727	1.67	cps
Carbon	12-1	2539466	2629395	2711378	2626746	3.27	cps
Carbon	12-2	36251	36669	37020	36647	1.05	cps
Chlorine	35-1	485143	486951	484336	485477	0.28	cps
Chlorine	35-2	3450	3490	3407	3449	1.21	cps
Chromium	52-2	744787	747525	736096	742803	0.80	cps
Cobalt	59-2	1310288	1308275	1300076	1306213	0.41	cps
Copper	63-2	10115954	9942024	9832558	9963512	1.43	cps
Dysprosium	156-1	187	160	190	179	9.19	cps
Dysprosium	156-2	80	100	117	99	18.57	cps
Erbium	164-1	67	83	120	90	30.31	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	237	183	193	204	13.87	cps
Gadolinium	160-2	143	183	170	166	12.30	cps
Holmium	165-1	8661427	8447701	8391685	8500271	1.67	cps
Holmium	165-2	3478185	3498818	3488640	3488548	0.30	cps
Indium	115-1	5958479	5924928	5798200	5893869	1.43	cps
Indium	115-2	799043	807945	798133	801707	0.68	cps
Iron	54-2	1749549	1723832	1765397	1746259	1.20	cps
Iron	56-2	31141173	30881655	30164242	30729023	1.65	cps
Iron	57-2	750369	760159	764926	758484	0.98	cps
Krypton	83-1	197	183	173	184	6.35	cps
Lead	206-1	12881322	13102228	12846581	12943377	1.07	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11035349	11308198	11199774	11181107	1.23	cps
Lead	208-1	51568003	52544433	51955000	52022479	0.95	cps
Lithium	6-1	2401740	2448043	2383752	2411178	1.38	cps
Magnesium	24-2	6391954	6486441	6358232	6412209	1.04	cps
Manganese	55-2	3794404	3726990	3838072	3786489	1.48	cps
Molybdenum	94-1	9461524	9148901	9349380	9319935	1.70	cps
Molybdenum	95-1	13557204	13231981	13159529	13316238	1.59	cps
Molybdenum	96-1	15109574	14415044	14600232	14708283	2.45	cps
Molybdenum	97-1	8474534	8193082	8307577	8325064	1.70	cps
Molybdenum	98-1	22185563	21856326	21236910	21759600	2.21	cps
Neodymium	150-1	163	143	163	157	7.37	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	348129	354506	350232	350956	0.93	cps
Phosphorus	31-2	20291	20081	20508	20293	1.05	cps
Potassium	39-2	1939879	1936648	1953856	1943461	0.47	cps
Rhodium	103-1	5783820	5580902	5493016	5619246	2.65	cps
Rhodium	103-2	2501203	2520771	2463905	2495293	1.16	cps
Scandium	45-1	3883741	3801919	3714834	3800165	2.22	cps
Scandium	45-2	126332	126599	126709	126547	0.15	cps
Selenium	82-1	45799	44972	45702	45491	0.99	cps
Selenium	77-2	1287	1323	1120	1243	8.72	cps
Selenium	78-2	4514	4537	4117	4390	5.38	cps
Silicon	28-1	1795405	1833753	1866697	1831952	1.95	cps
Silver	107-1	3559030	3366471	3447260	3457587	2.80	cps
Silver	109-1	3361777	3306585	3304856	3324406	0.97	cps
Sodium	23-2	11178992	11538577	11343618	11353729	1.59	cps
Strontium	86-1	20254977	19996727	20068256	20106653	0.66	cps
Strontium	88-1	177388071	172239931	172841951	174156651	1.62	cps
Sulfur	34-1	574983	557505	551829	561439	2.15	cps
Terbium	159-1	8619975	8437871	8398433	8485426	1.39	cps
Terbium	159-2	3331312	3431679	3382992	3381994	1.48	cps
Thallium	203-1	3213038	3203265	3180396	3198900	0.52	cps
Thallium	205-1	7671755	7475757	7544312	7563941	1.31	cps
Tin	118-1	2239263	2221673	2199685	2220207	0.89	cps
Titanium	47-1	3922320	3735326	3735410	3797685	2.84	cps
Uranium	238-1	11284385	11040225	11252113	11192241	1.19	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	PB158007BS	Instrumnet Name :	P8
Client Sample ID :	PB158007BS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:18:05	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	573376	577413	565763	572184	1.03	cps
Ytterbium	172-1	67	53	67	62	12.38	cps
Ytterbium	172-2	33	33	33	33	0.00	cps
Ytterbium	176-1	13651	13747	13227	13542	2.04	cps
Ytterbium	176-2	14712	14735	14528	14658	0.77	cps
Yttrium	89-1	9694513	9899821	9841171	9811835	1.08	cps
Yttrium	89-2	984402	994278	972790	983823	1.09	cps
Zinc	66-2	1228909	1236930	1233348	1233062	0.33	cps
Zirconium	90-1	4533757	4462131	4491287	4495725	0.80	cps
Zirconium	91-1	1022227	1008388	1010677	1013764	0.73	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357171	355509	351577	354752	0.81	cps
Antimony	121-1	810	1033	1073	972	14.60	cps
Arsenic	75-2	1203	1273	1253	1243	2.90	cps
Barium	135-1	110823	111222	112678	111574	0.87	cps
Barium	137-1	194299	192099	195704	194034	0.94	cps
Beryllium	9-1	1317	1305	1386	1336	3.27	cps
Bismuth	209-1	5974240	5754481	5848549	5859090	1.88	cps
Bismuth	209-2	2629204	2669124	2697267	2665198	1.28	cps
Bromine	81-1	2844	3117	2917	2959	4.78	cps
Cadmium	108-1	163	123	127	138	16.11	cps
Cadmium	106-1	2184	2340	2257	2260	3.47	cps
Cadmium	111-1	2411	2562	2498	2490	3.04	cps
Calcium	43-1	89496	90000	90888	90128	0.78	cps
Calcium	44-1	1502887	1503436	1467178	1491167	1.39	cps
Carbon	12-1	4890387	5052693	5200090	5047723	3.07	cps
Carbon	12-2	65967	66644	66509	66373	0.54	cps
Chlorine	35-1	255159	267685	275711	266185	3.89	cps
Chlorine	35-2	1967	2027	2054	2016	2.20	cps
Chromium	52-2	22464	22261	21967	22231	1.12	cps
Cobalt	59-2	33884	32981	33065	33310	1.50	cps
Copper	63-2	68390	67717	67091	67733	0.96	cps
Dysprosium	156-1	17328	17074	17745	17383	1.95	cps
Dysprosium	156-2	7375	7242	7576	7398	2.27	cps
Erbium	164-1	15749	15499	16073	15774	1.82	cps
Erbium	164-2	6161	6418	6185	6255	2.27	cps
Gadolinium	160-1	17792	18056	18079	17976	0.89	cps
Gadolinium	160-2	8179	8653	8706	8513	3.41	cps
Holmium	165-1	8402043	8345310	8467224	8404859	0.73	cps
Holmium	165-2	3467213	3502254	3440577	3470015	0.89	cps
Indium	115-1	5957533	5890785	6009972	5952763	1.00	cps
Indium	115-2	841917	840690	850630	844412	0.64	cps
Iron	54-2	1148880	1123801	1140518	1137733	1.12	cps
Iron	56-2	20867720	20807560	20913381	20862887	0.25	cps
Iron	57-2	520518	517794	520125	519479	0.28	cps
Krypton	83-1	253	227	273	251	9.32	cps
Lead	206-1	271456	272502	273033	272330	0.29	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	229784	227571	229370	228908	0.51	cps
Lead	208-1	1068767	1061140	1063583	1064496	0.37	cps
Lithium	6-1	2451267	2396857	2491102	2446409	1.93	cps
Magnesium	24-2	297524	288838	294326	293563	1.50	cps
Manganese	55-2	251993	249471	252004	251156	0.58	cps
Molybdenum	94-1	4871	4627	5054	4851	4.41	cps
Molybdenum	95-1	1560	1783	1520	1621	8.75	cps
Molybdenum	96-1	2234	2560	2280	2358	7.49	cps
Molybdenum	97-1	977	913	857	916	6.56	cps
Molybdenum	98-1	2400	2544	2337	2427	4.36	cps
Neodymium	150-1	24766	23891	24713	24457	2.01	cps
Neodymium	150-2	7355	7265	7249	7290	0.79	cps
Nickel	60-2	20455	21062	20432	20650	1.73	cps
Phosphorus	31-2	987	870	983	947	7.02	cps
Potassium	39-2	145953	145337	144569	145286	0.48	cps
Rhodium	103-1	5886270	5735576	5890806	5837550	1.51	cps
Rhodium	103-2	2580088	2646862	2597766	2608239	1.33	cps
Scandium	45-1	3817806	3820136	3803547	3813830	0.24	cps
Scandium	45-2	130167	129027	130423	129872	0.57	cps
Selenium	82-1	77	107	17	67	68.74	cps
Selenium	77-2	37	20	40	32	33.25	cps
Selenium	78-2	47	57	20	41	46.11	cps
Silicon	28-1	26243267	26607333	26773095	26541232	1.02	cps
Silver	107-1	980	1253	1083	1106	12.48	cps
Silver	109-1	1003	1203	960	1056	12.30	cps
Sodium	23-2	57817	57737	57181	57578	0.60	cps
Strontium	86-1	36461	36264	36093	36273	0.51	cps
Strontium	88-1	312351	314794	310358	312501	0.71	cps
Sulfur	34-1	440174	430875	436264	435771	1.07	cps
Terbium	159-1	8364997	8288840	8515097	8389645	1.37	cps
Terbium	159-2	3360856	3425109	3354305	3380090	1.16	cps
Thallium	203-1	3320	3304	3287	3304	0.50	cps
Thallium	205-1	8059	8203	7946	8069	1.60	cps
Tin	118-1	1817	1840	1817	1825	0.74	cps
Titanium	47-1	76814	76355	76757	76642	0.33	cps
Uranium	238-1	15590	15546	15489	15542	0.32	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DLX10	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL	Dilution Factor :	10
Date & Time Acquired :	2024-01-05 12:25:48	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17424	17164	17768	17452	1.74	cps
Ytterbium	172-1	3827	3904	3971	3901	1.84	cps
Ytterbium	172-2	1903	1944	1897	1915	1.32	cps
Ytterbium	176-1	3117	3124	3344	3195	4.04	cps
Ytterbium	176-2	10724	11178	11165	11022	2.34	cps
Yttrium	89-1	10284221	9961645	10363561	10203142	2.09	cps
Yttrium	89-2	1039864	1052580	1057087	1049844	0.85	cps
Zinc	66-2	37309	37774	36821	37301	1.28	cps
Zirconium	90-1	11008	11198	11418	11208	1.83	cps
Zirconium	91-1	2464	2490	2520	2491	1.14	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105140	104186	103968	104432	0.60	cps
Antimony	121-1	270	363	417	350	21.21	cps
Arsenic	75-2	530	453	553	512	10.21	cps
Barium	135-1	40815	41246	40527	40863	0.89	cps
Barium	137-1	68975	71729	71588	70764	2.19	cps
Beryllium	9-1	2001	1871	1966	1946	3.46	cps
Bismuth	209-1	5635454	5828809	5665553	5709938	1.82	cps
Bismuth	209-2	2689717	2637719	2594925	2640787	1.80	cps
Bromine	81-1	3360	3637	4154	3717	10.84	cps
Cadmium	108-1	100	83	90	91	9.21	cps
Cadmium	106-1	2477	2410	2527	2471	2.37	cps
Cadmium	111-1	2667	2699	2773	2713	1.99	cps
Calcium	43-1	1077149	1088449	1091809	1085802	0.71	cps
Calcium	44-1	17580762	17552370	17869542	17667558	0.99	cps
Carbon	12-1	2563526	2881101	3112827	2852485	9.67	cps
Carbon	12-2	42083	42435	43150	42556	1.28	cps
Chlorine	35-1	375281	409615	429030	404642	6.73	cps
Chlorine	35-2	3237	3424	3410	3357	3.10	cps
Chromium	52-2	2864	2887	2914	2888	0.87	cps
Cobalt	59-2	170100	169288	169385	169591	0.26	cps
Copper	63-2	24969	25072	24665	24902	0.85	cps
Dysprosium	156-1	7642	7576	7542	7587	0.67	cps
Dysprosium	156-2	3194	3340	3367	3300	2.83	cps
Erbium	164-1	7719	8179	7889	7929	2.94	cps
Erbium	164-2	3277	3157	3197	3210	1.90	cps
Gadolinium	160-1	8186	8263	7886	8111	2.46	cps
Gadolinium	160-2	3997	3804	3901	3901	2.48	cps
Holmium	165-1	8308284	8529338	8304593	8380738	1.54	cps
Holmium	165-2	3470464	3544314	3449074	3487951	1.43	cps
Indium	115-1	5846705	6001320	6007770	5951932	1.53	cps
Indium	115-2	837145	841593	841855	840197	0.32	cps
Iron	54-2	2015061	2018137	2062389	2031862	1.30	cps
Iron	56-2	35558048	36096209	36493699	36049319	1.30	cps
Iron	57-2	890423	892689	905434	896182	0.90	cps
Krypton	83-1	223	237	187	216	12.01	cps
Lead	206-1	11839	11942	11422	11734	2.35	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9871	9857	9984	9904	0.70	cps
Lead	208-1	45388	46587	45816	45930	1.32	cps
Lithium	6-1	2439363	2464372	2442232	2448655	0.56	cps
Magnesium	24-2	1641706	1664089	1606091	1637295	1.79	cps
Manganese	55-2	6991630	7111432	7034808	7045957	0.86	cps
Molybdenum	94-1	880	1017	963	953	7.23	cps
Molybdenum	95-1	260	200	310	257	21.46	cps
Molybdenum	96-1	433	393	467	431	8.52	cps
Molybdenum	97-1	103	133	153	130	19.36	cps
Molybdenum	98-1	310	370	343	341	8.81	cps
Neodymium	150-1	8153	8276	8219	8216	0.75	cps
Neodymium	150-2	2497	2520	2634	2550	2.87	cps
Nickel	60-2	76022	75817	75992	75944	0.15	cps
Phosphorus	31-2	113	130	100	114	13.13	cps
Potassium	39-2	174390	175514	174097	174667	0.43	cps
Rhodium	103-1	5771950	5878258	5722489	5790899	1.37	cps
Rhodium	103-2	2607778	2583397	2580299	2590491	0.58	cps
Scandium	45-1	3874184	3822718	3833904	3843602	0.70	cps
Scandium	45-2	128792	131421	132031	130748	1.32	cps
Selenium	82-1	27	-33	57	17	274.95	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	17	13	37	22	56.80	cps
Silicon	28-1	28408558	27985246	28630160	28341321	1.16	cps
Silver	107-1	97	163	150	137	25.81	cps
Silver	109-1	70	113	70	84	29.63	cps
Sodium	23-2	520756	529734	525550	525347	0.86	cps
Strontium	86-1	361498	370315	371189	367667	1.46	cps
Strontium	88-1	3197084	3260614	3356885	3271528	2.46	cps
Sulfur	34-1	2364366	2421809	2464017	2416730	2.07	cps
Terbium	159-1	8355713	8484689	8269928	8370110	1.29	cps
Terbium	159-2	3386550	3371458	3401879	3386629	0.45	cps
Thallium	203-1	4528	4774	4728	4676	2.80	cps
Thallium	205-1	11575	11582	10991	11383	2.98	cps
Tin	118-1	1343	1360	1420	1375	2.93	cps
Titanium	47-1	4768	5071	5393	5077	6.16	cps
Uranium	238-1	5091	4948	5168	5069	2.20	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-18	Instrumnet Name :	P8
Client Sample ID :	MC0LS7	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:29:12	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1627	1743	1897	1756	7.71	cps
Ytterbium	172-1	1937	1800	1903	1880	3.79	cps
Ytterbium	172-2	880	930	763	858	9.97	cps
Ytterbium	176-1	2060	1954	2090	2035	3.53	cps
Ytterbium	176-2	9814	10244	10061	10039	2.15	cps
Yttrium	89-1	9924508	10108912	10208087	10080502	1.43	cps
Yttrium	89-2	1047996	1046606	1034381	1042994	0.72	cps
Zinc	66-2	37941	37944	38201	38029	0.39	cps
Zirconium	90-1	2204	2120	2267	2197	3.35	cps
Zirconium	91-1	543	603	547	564	5.98	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154849	155003	154124	154658	0.30	cps
Antimony	121-1	1207	1157	1240	1201	3.49	cps
Arsenic	75-2	4624	4788	4511	4641	3.00	cps
Barium	135-1	86491	85311	88742	86848	2.01	cps
Barium	137-1	154233	153292	155116	154214	0.59	cps
Beryllium	9-1	1342	1262	1399	1334	5.13	cps
Bismuth	209-1	5717209	5693755	5966247	5792404	2.61	cps
Bismuth	209-2	2672371	2652680	2612212	2645754	1.16	cps
Bromine	81-1	6802	8122	8986	7970	13.80	cps
Cadmium	108-1	40	43	30	38	18.36	cps
Cadmium	106-1	2517	2380	2504	2467	3.06	cps
Cadmium	111-1	2247	2063	2198	2169	4.41	cps
Calcium	43-1	1330767	1307971	1355752	1331497	1.79	cps
Calcium	44-1	21288140	21421578	21037864	21249194	0.92	cps
Carbon	12-1	5148873	5949740	6500305	5866306	11.58	cps
Carbon	12-2	85416	87639	87300	86785	1.38	cps
Chlorine	35-1	728325	827231	887422	814326	9.86	cps
Chlorine	35-2	6738	6895	6605	6746	2.15	cps
Chromium	52-2	9030	8649	8586	8755	2.74	cps
Cobalt	59-2	44974	45145	44994	45038	0.21	cps
Copper	63-2	25109	25112	25079	25100	0.07	cps
Dysprosium	156-1	7999	8763	7932	8231	5.61	cps
Dysprosium	156-2	3694	3507	3280	3494	5.93	cps
Erbium	164-1	7829	8099	8456	8128	3.87	cps
Erbium	164-2	3130	3130	3260	3174	2.37	cps
Gadolinium	160-1	8636	8559	8736	8644	1.03	cps
Gadolinium	160-2	4137	4004	3891	4011	3.08	cps
Holmium	165-1	8513893	8557879	8487776	8519849	0.42	cps
Holmium	165-2	3576325	3531402	3476966	3528231	1.41	cps
Indium	115-1	5947913	5986620	6155560	6030031	1.83	cps
Indium	115-2	853348	845359	835221	844643	1.08	cps
Iron	54-2	1313163	1319323	1300470	1310985	0.73	cps
Iron	56-2	24373798	23720545	23912704	24002349	1.40	cps
Iron	57-2	602058	591160	591570	594929	1.04	cps
Krypton	83-1	187	200	220	202	8.30	cps
Lead	206-1	46169	46208	47393	46590	1.49	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	37835	38751	39196	38594	1.80	cps
Lead	208-1	179480	180181	183462	181041	1.17	cps
Lithium	6-1	2455847	2539837	2538209	2511298	1.91	cps
Magnesium	24-2	2065336	2047430	2000977	2037914	1.63	cps
Manganese	55-2	1920568	1896072	1943126	1919922	1.23	cps
Molybdenum	94-1	2727	2790	3391	2969	12.33	cps
Molybdenum	95-1	1427	1310	2100	1612	26.46	cps
Molybdenum	96-1	1820	1873	2510	2068	18.57	cps
Molybdenum	97-1	803	917	1273	998	24.59	cps
Molybdenum	98-1	2380	2310	3391	2694	22.45	cps
Neodymium	150-1	9490	9180	9310	9327	1.67	cps
Neodymium	150-2	2704	2754	2847	2768	2.63	cps
Nickel	60-2	21954	21436	20952	21447	2.34	cps
Phosphorus	31-2	843	803	770	806	4.56	cps
Potassium	39-2	292625	290651	284207	289161	1.52	cps
Rhodium	103-1	5958219	5893360	5896975	5916184	0.62	cps
Rhodium	103-2	2623145	2634942	2519424	2592504	2.45	cps
Scandium	45-1	3931543	3996987	3968637	3965723	0.83	cps
Scandium	45-2	132330	132304	129094	131242	1.42	cps
Selenium	82-1	80	47	40	56	38.56	cps
Selenium	77-2	33	27	7	22	62.43	cps
Selenium	78-2	27	30	23	27	12.51	cps
Silicon	28-1	26442430	26319751	26668421	26476867	0.67	cps
Silver	107-1	427	383	450	420	8.05	cps
Silver	109-1	397	357	367	373	5.58	cps
Sodium	23-2	1873632	1843457	1795977	1837688	2.13	cps
Strontium	86-1	466051	464635	470438	467041	0.65	cps
Strontium	88-1	4209690	4105326	4183007	4166008	1.30	cps
Sulfur	34-1	2072053	2058567	2087361	2072660	0.70	cps
Terbium	159-1	8523565	8578851	8513102	8538506	0.41	cps
Terbium	159-2	3369323	3400620	3393868	3387937	0.49	cps
Thallium	203-1	2434	2467	2834	2578	8.61	cps
Thallium	205-1	5831	5885	6162	5959	2.97	cps
Tin	118-1	1723	1743	1797	1755	2.16	cps
Titanium	47-1	39130	40805	41453	40463	2.96	cps
Uranium	238-1	7546	7679	8173	7799	4.24	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-19	Instrumnet Name :	P8
Client Sample ID :	MC0LS8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:32:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5758	6181	5528	5822	5.69	cps
Ytterbium	172-1	1940	1980	2040	1987	2.53	cps
Ytterbium	172-2	920	963	900	928	3.49	cps
Ytterbium	176-1	2100	2157	2104	2120	1.50	cps
Ytterbium	176-2	10481	10451	10291	10408	0.98	cps
Yttrium	89-1	10289664	10214847	10160967	10221826	0.63	cps
Yttrium	89-2	1033360	1033623	1036928	1034637	0.19	cps
Zinc	66-2	14451	14511	14431	14464	0.29	cps
Zirconium	90-1	5121	5204	5581	5302	4.62	cps
Zirconium	91-1	1097	1270	1370	1246	11.10	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115844	111622	112998	113488	1.90	cps
Antimony	121-1	333	257	263	284	14.93	cps
Arsenic	75-2	343	327	380	350	7.80	cps
Barium	135-1	79368	80105	81118	80197	1.10	cps
Barium	137-1	139006	141866	144332	141734	1.88	cps
Beryllium	9-1	2150	2212	2196	2186	1.48	cps
Bismuth	209-1	5748461	5846614	5659689	5751588	1.63	cps
Bismuth	209-2	2632712	2576713	2634900	2614775	1.26	cps
Bromine	81-1	4988	5835	6075	5632	10.14	cps
Cadmium	108-1	37	17	33	29	37.08	cps
Cadmium	106-1	2504	2327	2590	2474	5.43	cps
Cadmium	111-1	1830	1740	1903	1825	4.47	cps
Calcium	43-1	1121017	1143345	1145662	1136675	1.20	cps
Calcium	44-1	18244428	18353312	18325089	18307610	0.31	cps
Carbon	12-1	3480760	3777644	3871562	3709989	5.50	cps
Carbon	12-2	50774	51781	51637	51397	1.06	cps
Chlorine	35-1	978916	1091189	1166571	1078892	8.75	cps
Chlorine	35-2	8833	8703	8869	8802	1.00	cps
Chromium	52-2	5088	5094	5084	5089	0.10	cps
Cobalt	59-2	68584	67238	67164	67662	1.18	cps
Copper	63-2	3274	3410	3210	3298	3.10	cps
Dysprosium	156-1	7439	7509	7189	7379	2.28	cps
Dysprosium	156-2	3214	3134	3060	3136	2.45	cps
Erbium	164-1	7486	7612	7402	7500	1.41	cps
Erbium	164-2	3090	3034	3117	3080	1.38	cps
Gadolinium	160-1	7676	7762	8239	7892	3.85	cps
Gadolinium	160-2	3811	3724	3571	3702	3.28	cps
Holmium	165-1	8669196	8580709	8453762	8567889	1.26	cps
Holmium	165-2	3491707	3381634	3381764	3418368	1.86	cps
Indium	115-1	6090836	6048453	6002378	6047222	0.73	cps
Indium	115-2	829070	819821	831985	826959	0.77	cps
Iron	54-2	1369383	1358574	1355374	1361111	0.54	cps
Iron	56-2	24456965	24500602	24806883	24588150	0.78	cps
Iron	57-2	610993	613847	616985	613941	0.49	cps
Krypton	83-1	200	163	210	191	12.85	cps
Lead	206-1	2017	1813	1813	1881	6.24	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1653	1453	1513	1540	6.66	cps
Lead	208-1	8111	7061	7068	7413	8.15	cps
Lithium	6-1	2478530	2515673	2482150	2492118	0.82	cps
Magnesium	24-2	1821229	1844093	1834624	1833315	0.63	cps
Manganese	55-2	1491033	1467832	1486172	1481679	0.83	cps
Molybdenum	94-1	1207	1077	1180	1155	5.95	cps
Molybdenum	95-1	420	217	250	296	36.90	cps
Molybdenum	96-1	723	410	453	529	32.10	cps
Molybdenum	97-1	227	160	140	176	25.85	cps
Molybdenum	98-1	667	367	287	440	45.53	cps
Neodymium	150-1	7295	7202	7359	7285	1.08	cps
Neodymium	150-2	2107	2300	2254	2220	4.54	cps
Nickel	60-2	32153	32357	32113	32208	0.41	cps
Phosphorus	31-2	137	153	127	139	9.70	cps
Potassium	39-2	265393	264589	263838	264607	0.29	cps
Rhodium	103-1	5737817	5893325	5762774	5797972	1.44	cps
Rhodium	103-2	2523589	2544173	2569604	2545789	0.91	cps
Scandium	45-1	3873089	3945536	3930098	3916241	0.97	cps
Scandium	45-2	129091	127316	127543	127983	0.75	cps
Selenium	82-1	43	77	43	54	35.33	cps
Selenium	77-2	17	23	10	17	39.99	cps
Selenium	78-2	27	10	17	18	47.19	cps
Silicon	28-1	43446378	43746664	43056093	43416378	0.80	cps
Silver	107-1	133	143	103	127	16.44	cps
Silver	109-1	90	37	37	54	56.55	cps
Sodium	23-2	1946549	1970931	1890072	1935850	2.14	cps
Strontium	86-1	487286	489042	496448	490926	0.99	cps
Strontium	88-1	4252527	4395607	4325536	4324557	1.65	cps
Sulfur	34-1	2372733	2364707	2358140	2365193	0.31	cps
Terbium	159-1	8274878	8475079	8438977	8396311	1.27	cps
Terbium	159-2	3323300	3247824	3299158	3290094	1.17	cps
Thallium	203-1	1150	1033	1120	1101	5.50	cps
Thallium	205-1	2717	2814	2757	2763	1.76	cps
Tin	118-1	1637	1603	1510	1583	4.15	cps
Titanium	47-1	1220	1551	1173	1315	15.64	cps
Uranium	238-1	2504	2424	2194	2374	6.78	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-20	Instrumnet Name :	P8
Client Sample ID :	MC0LS9	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:35:48	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	460	483	350	431	16.52	cps
Ytterbium	172-1	1843	2010	2090	1981	6.35	cps
Ytterbium	172-2	887	957	1053	966	8.67	cps
Ytterbium	176-1	2007	1980	2024	2004	1.09	cps
Ytterbium	176-2	9900	9617	9894	9804	1.65	cps
Yttrium	89-1	9972813	10055590	10142793	10057065	0.85	cps
Yttrium	89-2	1023288	1020039	1013299	1018875	0.50	cps
Zinc	66-2	10744	11098	11028	10957	1.71	cps
Zirconium	90-1	2637	2657	3160	2818	10.53	cps
Zirconium	91-1	697	600	640	646	7.52	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1143	1233	1176	4.27	cps
Antimony	121-1	333	360	400	364	9.21	cps
Arsenic	75-2	107	90	110	102	10.48	cps
Barium	135-1	23293	23437	23768	23499	1.03	cps
Barium	137-1	41738	40163	41039	40980	1.93	cps
Beryllium	9-1	72	64	75	70	8.39	cps
Bismuth	209-1	5741073	5790052	5701964	5744363	0.77	cps
Bismuth	209-2	2704067	2739587	2691728	2711794	0.92	cps
Bromine	81-1	4738	5341	5541	5207	8.04	cps
Cadmium	108-1	20	23	10	18	39.03	cps
Cadmium	106-1	2427	2457	2307	2397	3.31	cps
Cadmium	111-1	1725	1714	1628	1689	3.14	cps
Calcium	43-1	263256	267927	261563	264249	1.25	cps
Calcium	44-1	4271427	4348379	4293091	4304299	0.92	cps
Carbon	12-1	3579014	3900668	3994223	3824635	5.69	cps
Carbon	12-2	54564	54645	55076	54762	0.50	cps
Chlorine	35-1	1397391	1513924	1616514	1509276	7.26	cps
Chlorine	35-2	12439	12642	12382	12488	1.10	cps
Chromium	52-2	1660	2050	1877	1862	10.49	cps
Cobalt	59-2	463	463	433	453	3.82	cps
Copper	63-2	1340	1547	1363	1417	7.99	cps
Dysprosium	156-1	93	77	67	79	17.07	cps
Dysprosium	156-2	20	33	33	29	26.64	cps
Erbium	164-1	140	83	117	113	25.13	cps
Erbium	164-2	47	37	40	41	12.39	cps
Gadolinium	160-1	133	120	110	121	9.67	cps
Gadolinium	160-2	167	107	163	146	23.17	cps
Holmium	165-1	8298201	8372088	8553674	8407988	1.56	cps
Holmium	165-2	3504267	3556764	3407439	3489490	2.17	cps
Indium	115-1	6041113	6017670	5964291	6007691	0.66	cps
Indium	115-2	820623	853477	831974	835358	2.00	cps
Iron	54-2	21940	21496	22601	22013	2.53	cps
Iron	56-2	399788	397466	397681	398311	0.32	cps
Iron	57-2	10601	10858	10908	10789	1.53	cps
Krypton	83-1	170	163	203	179	11.98	cps
Lead	206-1	2310	2080	2137	2176	5.51	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1703	1883	1730	1772	5.48	cps
Lead	208-1	8605	8328	8588	8507	1.82	cps
Lithium	6-1	2437985	2497007	2478864	2471285	1.22	cps
Magnesium	24-2	466293	462485	459791	462856	0.71	cps
Manganese	55-2	45556	45823	45134	45504	0.76	cps
Molybdenum	94-1	323	397	373	364	10.28	cps
Molybdenum	95-1	207	190	190	196	4.92	cps
Molybdenum	96-1	303	227	250	260	15.12	cps
Molybdenum	97-1	113	73	113	100	23.09	cps
Molybdenum	98-1	280	230	243	251	10.31	cps
Neodymium	150-1	160	107	157	141	21.17	cps
Neodymium	150-2	37	30	23	30	22.23	cps
Nickel	60-2	537	593	607	579	6.42	cps
Phosphorus	31-2	277	340	220	279	21.53	cps
Potassium	39-2	391627	386659	390307	389531	0.66	cps
Rhodium	103-1	5869030	5816545	5889450	5858341	0.64	cps
Rhodium	103-2	2557895	2673816	2611209	2614306	2.22	cps
Scandium	45-1	3875068	3917439	3886197	3892901	0.56	cps
Scandium	45-2	127646	132659	127305	129203	2.32	cps
Selenium	82-1	70	40	-80	10	793.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	10	20	10	100.00	cps
Silicon	28-1	15757534	15633323	15390935	15593930	1.20	cps
Silver	107-1	113	50	103	89	38.31	cps
Silver	109-1	53	63	60	59	8.65	cps
Sodium	23-2	306460	302645	301633	303579	0.84	cps
Strontium	86-1	95839	96124	95494	95819	0.33	cps
Strontium	88-1	824613	827747	838325	830228	0.87	cps
Sulfur	34-1	380066	375692	369459	375072	1.42	cps
Terbium	159-1	8209637	8496112	8457182	8387644	1.85	cps
Terbium	159-2	3267752	3442391	3309012	3339718	2.73	cps
Thallium	203-1	257	230	210	232	10.08	cps
Thallium	205-1	720	677	560	652	12.69	cps
Tin	118-1	1790	1733	1810	1778	2.24	cps
Titanium	47-1	863	840	713	806	10.02	cps
Uranium	238-1	147	170	140	152	10.35	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21	Instrumnet Name :	P8
Client Sample ID :	MC0LT0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:39:06	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	147	180	180	169	11.39	cps
Ytterbium	172-1	87	73	63	74	15.73	cps
Ytterbium	172-2	53	40	33	42	24.12	cps
Ytterbium	176-1	780	890	853	841	6.66	cps
Ytterbium	176-2	9133	9704	9470	9436	3.04	cps
Yttrium	89-1	9882765	9958619	10010295	9950560	0.64	cps
Yttrium	89-2	1009817	1032388	1018048	1020084	1.12	cps
Zinc	66-2	1907	1870	1933	1903	1.67	cps
Zirconium	90-1	717	830	853	800	9.14	cps
Zirconium	91-1	150	137	127	138	8.50	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1170	1193	1217	1193	1.96	cps
Antimony	121-1	363	353	423	380	9.96	cps
Arsenic	75-2	90	77	103	90	14.81	cps
Barium	135-1	23521	23738	23430	23563	0.67	cps
Barium	137-1	40624	41453	41504	41194	1.20	cps
Beryllium	9-1	79	52	75	69	20.65	cps
Bismuth	209-1	5679371	5836783	5771543	5762566	1.37	cps
Bismuth	209-2	2638763	2673239	2725691	2679231	1.63	cps
Bromine	81-1	4574	5201	5575	5117	9.88	cps
Cadmium	108-1	27	7	17	17	59.99	cps
Cadmium	106-1	2217	2257	2187	2220	1.58	cps
Cadmium	111-1	1560	1598	1526	1561	2.33	cps
Calcium	43-1	264955	261930	266513	264466	0.88	cps
Calcium	44-1	4370621	4375981	4262401	4336334	1.48	cps
Carbon	12-1	3598200	4004308	4138482	3913663	7.19	cps
Carbon	12-2	56127	56491	57432	56683	1.19	cps
Chlorine	35-1	1550113	1691089	1810822	1684008	7.75	cps
Chlorine	35-2	13193	13280	14227	13566	4.23	cps
Chromium	52-2	1787	1873	1830	1830	2.37	cps
Cobalt	59-2	450	417	463	443	5.42	cps
Copper	63-2	1393	1333	1493	1407	5.75	cps
Dysprosium	156-1	100	83	90	91	9.21	cps
Dysprosium	156-2	43	30	47	40	22.05	cps
Erbium	164-1	157	147	137	147	6.82	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	143	120	150	138	11.43	cps
Gadolinium	160-2	167	137	140	148	11.13	cps
Holmium	165-1	8230669	8435010	8355191	8340290	1.23	cps
Holmium	165-2	3500979	3456333	3478315	3478543	0.64	cps
Indium	115-1	5946578	5990815	5964148	5967180	0.37	cps
Indium	115-2	841171	841726	842825	841907	0.10	cps
Iron	54-2	22832	22605	21937	22458	2.07	cps
Iron	56-2	400309	398595	403139	400681	0.57	cps
Iron	57-2	10721	10828	10554	10701	1.29	cps
Krypton	83-1	203	193	177	191	7.05	cps
Lead	206-1	1977	2217	2367	2187	9.00	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1944	1954	1923	1940	0.79	cps
Lead	208-1	8435	8901	8945	8760	3.23	cps
Lithium	6-1	2452707	2503476	2455889	2470691	1.15	cps
Magnesium	24-2	473733	469472	469924	471043	0.50	cps
Manganese	55-2	45074	45599	45108	45261	0.65	cps
Molybdenum	94-1	413	383	380	392	4.68	cps
Molybdenum	95-1	183	173	193	183	5.45	cps
Molybdenum	96-1	257	267	280	268	4.37	cps
Molybdenum	97-1	73	100	117	97	22.62	cps
Molybdenum	98-1	217	283	303	268	16.95	cps
Neodymium	150-1	130	100	153	128	20.93	cps
Neodymium	150-2	27	37	43	36	23.58	cps
Nickel	60-2	487	553	573	538	8.44	cps
Phosphorus	31-2	270	287	253	270	6.17	cps
Potassium	39-2	397971	391211	394255	394479	0.86	cps
Rhodium	103-1	5696108	5721186	5721116	5712803	0.25	cps
Rhodium	103-2	2608496	2574978	2544995	2576156	1.23	cps
Scandium	45-1	3881215	3922758	3857721	3887231	0.85	cps
Scandium	45-2	130500	128529	129968	129666	0.79	cps
Selenium	82-1	-17	33	23	13	198.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	20	10	16	32.73	cps
Silicon	28-1	15220569	15685157	15556851	15487525	1.55	cps
Silver	107-1	87	103	67	86	21.45	cps
Silver	109-1	70	47	47	54	24.74	cps
Sodium	23-2	309516	304558	304676	306250	0.92	cps
Strontium	86-1	94403	94034	96262	94899	1.26	cps
Strontium	88-1	831460	830507	836681	832883	0.40	cps
Sulfur	34-1	368448	372140	370193	370260	0.50	cps
Terbium	159-1	8319702	8530854	8390491	8413682	1.28	cps
Terbium	159-2	3400163	3373448	3352006	3375206	0.71	cps
Thallium	203-1	253	213	200	222	12.49	cps
Thallium	205-1	580	613	540	578	6.35	cps
Tin	118-1	1780	1857	1773	1803	2.57	cps
Titanium	47-1	810	960	813	861	9.95	cps
Uranium	238-1	160	187	150	166	11.45	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21DUP	Instrumnet Name :	P8
Client Sample ID :	MC0LT0DUP	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:42:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	217	180	223	207	11.29	cps
Ytterbium	172-1	103	107	113	108	4.72	cps
Ytterbium	172-2	40	30	40	37	15.75	cps
Ytterbium	176-1	967	850	700	839	15.94	cps
Ytterbium	176-2	9270	9070	9710	9350	3.50	cps
Yttrium	89-1	10039324	9975691	9942451	9985822	0.49	cps
Yttrium	89-2	1023649	1034129	1026872	1028217	0.52	cps
Zinc	66-2	1433	1457	1513	1468	2.80	cps
Zirconium	90-1	743	667	707	706	5.43	cps
Zirconium	91-1	183	133	193	170	18.91	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	290	297	299	3.41	cps
Antimony	121-1	133	127	147	136	7.51	cps
Arsenic	75-2	10	10	23	14	53.28	cps
Barium	135-1	4674	4801	4814	4763	1.62	cps
Barium	137-1	8680	8546	8393	8539	1.68	cps
Beryllium	9-1	49	56	70	58	18.48	cps
Bismuth	209-1	5828008	6083768	5922251	5944676	2.18	cps
Bismuth	209-2	2778793	2720546	2777019	2758786	1.20	cps
Bromine	81-1	2987	3140	3067	3065	2.50	cps
Cadmium	108-1	7	27	10	14	74.18	cps
Cadmium	106-1	2350	2414	2210	2325	4.48	cps
Cadmium	111-1	1657	1697	1553	1636	4.54	cps
Calcium	43-1	52970	54697	54797	54155	1.90	cps
Calcium	44-1	902768	903561	909969	905433	0.44	cps
Carbon	12-1	2681223	2739245	2720372	2713613	1.09	cps
Carbon	12-2	35256	33635	34778	34556	2.41	cps
Chlorine	35-1	778032	784677	789377	784029	0.73	cps
Chlorine	35-2	5481	5274	5291	5349	2.15	cps
Chromium	52-2	977	1013	967	986	2.49	cps
Cobalt	59-2	93	100	153	116	28.46	cps
Copper	63-2	843	773	730	782	7.31	cps
Dysprosium	156-1	13	33	43	30	50.92	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	73	73	100	82	18.73	cps
Erbium	164-2	43	37	10	30	58.79	cps
Gadolinium	160-1	47	83	47	59	35.94	cps
Gadolinium	160-2	103	97	97	99	3.89	cps
Holmium	165-1	8687011	8698270	8463404	8616228	1.54	cps
Holmium	165-2	3613065	3606489	3548784	3589446	0.99	cps
Indium	115-1	6215186	6260653	6182390	6219410	0.63	cps
Indium	115-2	861741	855026	863118	859962	0.50	cps
Iron	54-2	4898	4938	4848	4894	0.92	cps
Iron	56-2	83181	83717	83435	83444	0.32	cps
Iron	57-2	2160	2207	2274	2214	2.57	cps
Krypton	83-1	247	160	213	207	21.15	cps
Lead	206-1	740	747	827	771	6.25	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	647	653	610	637	3.67	cps
Lead	208-1	3117	2980	3040	3046	2.25	cps
Lithium	6-1	2523185	2496507	2555904	2525199	1.18	cps
Magnesium	24-2	94565	94685	93548	94266	0.66	cps
Manganese	55-2	9530	9060	9220	9270	2.58	cps
Molybdenum	94-1	207	210	180	199	8.27	cps
Molybdenum	95-1	80	90	77	82	8.44	cps
Molybdenum	96-1	183	93	170	149	32.63	cps
Molybdenum	97-1	67	33	57	52	32.76	cps
Molybdenum	98-1	87	103	117	102	14.70	cps
Neodymium	150-1	37	23	23	28	27.73	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	133	113	150	132	13.89	cps
Phosphorus	31-2	120	127	107	118	8.65	cps
Potassium	39-2	85464	85166	86109	85580	0.56	cps
Rhodium	103-1	6032984	6059504	6072747	6055078	0.33	cps
Rhodium	103-2	2686891	2596821	2645321	2643011	1.71	cps
Scandium	45-1	3882141	3971739	3924877	3926252	1.14	cps
Scandium	45-2	131579	130123	129598	130434	0.79	cps
Selenium	82-1	-40	20	27	2	1651.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	10	13	7	10	33.30	cps
Silicon	28-1	3310206	3313684	3325750	3316547	0.25	cps
Silver	107-1	83	63	50	66	25.59	cps
Silver	109-1	43	27	40	37	24.04	cps
Sodium	23-2	77109	76264	75450	76275	1.09	cps
Strontium	86-1	19838	19941	19397	19725	1.46	cps
Strontium	88-1	169922	168923	168119	168988	0.53	cps
Sulfur	34-1	318842	314285	313808	315645	0.88	cps
Terbium	159-1	8576929	8598978	8487427	8554445	0.69	cps
Terbium	159-2	3449745	3362517	3480804	3431022	1.79	cps
Thallium	203-1	230	230	223	228	1.69	cps
Thallium	205-1	550	563	520	544	4.08	cps
Tin	118-1	843	790	793	809	3.69	cps
Titanium	47-1	233	223	280	246	12.32	cps
Uranium	238-1	47	40	37	41	12.39	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21LX5	Instrumnet Name :	P8
Client Sample ID :	MC0LT0L	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 12:45:51	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	40	77	53	38.02	cps
Ytterbium	172-1	60	80	67	69	14.78	cps
Ytterbium	172-2	37	23	23	28	27.73	cps
Ytterbium	176-1	850	883	773	836	6.75	cps
Ytterbium	176-2	9517	9954	9540	9670	2.54	cps
Yttrium	89-1	10145506	10072185	10030459	10082717	0.58	cps
Yttrium	89-2	1056920	1033784	1038151	1042952	1.18	cps
Zinc	66-2	490	473	483	482	1.74	cps
Zirconium	90-1	410	413	407	410	0.81	cps
Zirconium	91-1	83	87	67	79	13.58	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2185638	2160782	2161468	2169296	0.65	cps
Antimony	121-1	2618096	2595634	2560165	2591298	1.13	cps
Arsenic	75-2	62461	61872	62096	62143	0.48	cps
Barium	135-1	3055691	3025126	3027259	3036026	0.56	cps
Barium	137-1	5290396	5140301	5250892	5227196	1.49	cps
Beryllium	9-1	736989	716069	719052	724037	1.56	cps
Bismuth	209-1	5519828	5471572	5310642	5434014	2.02	cps
Bismuth	209-2	2418035	2381416	2403074	2400842	0.77	cps
Bromine	81-1	2340	2170	2184	2231	4.24	cps
Cadmium	108-1	52111	51419	51078	51536	1.02	cps
Cadmium	106-1	73682	72342	71125	72383	1.77	cps
Cadmium	111-1	661246	643793	638618	647886	1.83	cps
Calcium	43-1	4015647	3834603	3839045	3896432	2.65	cps
Calcium	44-1	64000097	60813911	59728279	61514096	3.61	cps
Carbon	12-1	2698584	2724692	2828711	2750663	2.50	cps
Carbon	12-2	38854	38667	39316	38946	0.86	cps
Chlorine	35-1	502380	503718	500466	502188	0.33	cps
Chlorine	35-2	3550	3374	3524	3483	2.74	cps
Chromium	52-2	699403	701398	699360	700054	0.17	cps
Cobalt	59-2	1254141	1268639	1248716	1257165	0.82	cps
Copper	63-2	9462007	9395250	9472049	9443102	0.44	cps
Dysprosium	156-1	790	613	650	684	13.62	cps
Dysprosium	156-2	300	350	373	341	10.98	cps
Erbium	164-1	153	167	110	143	20.67	cps
Erbium	164-2	100	70	63	78	25.11	cps
Gadolinium	160-1	760	773	747	760	1.75	cps
Gadolinium	160-2	430	517	377	441	16.02	cps
Holmium	165-1	8317008	8244572	8184093	8248558	0.81	cps
Holmium	165-2	3353188	3280946	3370163	3334766	1.42	cps
Indium	115-1	5633667	5658720	5513045	5601811	1.39	cps
Indium	115-2	754583	770538	768799	764640	1.14	cps
Iron	54-2	7952597	8261339	7969554	8061163	2.15	cps
Iron	56-2	146886568	148803444	146464281	147384764	0.85	cps
Iron	57-2	3763986	3776602	3789991	3776860	0.34	cps
Krypton	83-1	193	197	217	202	6.24	cps
Lead	206-1	12287697	12002954	11933962	12074871	1.55	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10493641	10420327	10256117	10390028	1.17	cps
Lead	208-1	49325368	48204797	47817217	48449127	1.62	cps
Lithium	6-1	2388437	2345284	2296122	2343281	1.97	cps
Magnesium	24-2	30021771	30260159	30092913	30124948	0.41	cps
Manganese	55-2	3493911	3513723	3484922	3497519	0.42	cps
Molybdenum	94-1	9153641	8927800	8971958	9017800	1.33	cps
Molybdenum	95-1	12878181	12757537	12647068	12760928	0.91	cps
Molybdenum	96-1	14428976	13933781	13854001	14072253	2.21	cps
Molybdenum	97-1	8131194	7872219	7762794	7922069	2.39	cps
Molybdenum	98-1	21367659	20930897	20767656	21022071	1.48	cps
Neodymium	150-1	317	287	263	289	9.25	cps
Neodymium	150-2	43	23	40	36	30.14	cps
Nickel	60-2	332245	334191	330731	332389	0.52	cps
Phosphorus	31-2	19280	19740	19276	19432	1.37	cps
Potassium	39-2	8915815	8808094	8975266	8899725	0.95	cps
Rhodium	103-1	5431460	5289073	5141768	5287433	2.74	cps
Rhodium	103-2	2266736	2304577	2329396	2300236	1.37	cps
Scandium	45-1	3853398	3699213	3612885	3721832	3.27	cps
Scandium	45-2	120400	123419	122917	122245	1.32	cps
Selenium	82-1	43174	42160	41743	42359	1.74	cps
Selenium	77-2	1313	1267	1327	1302	2.42	cps
Selenium	78-2	4254	4131	3954	4113	3.67	cps
Silicon	28-1	2805587	2732521	2769764	2769290	1.32	cps
Silver	107-1	3468225	3321928	3316353	3368835	2.56	cps
Silver	109-1	3230946	3256202	3179451	3222199	1.21	cps
Sodium	23-2	53315493	53336904	53823079	53491825	0.54	cps
Strontium	86-1	19390463	19057711	18225199	18891124	3.18	cps
Strontium	88-1	169828391	165418511	162115438	165787446	2.33	cps
Sulfur	34-1	552707	538415	541035	544052	1.40	cps
Terbium	159-1	8368206	8164433	8286574	8273071	1.24	cps
Terbium	159-2	3226401	3184319	3203736	3204819	0.66	cps
Thallium	203-1	3011011	2953038	2998737	2987595	1.02	cps
Thallium	205-1	7111658	6874379	7064405	7016814	1.79	cps
Tin	118-1	2097063	2056632	2082554	2078749	0.99	cps
Titanium	47-1	3615968	3645131	3596815	3619305	0.67	cps
Uranium	238-1	10826476	10500390	10695278	10674048	1.54	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 12:56:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	537928	544007	544625	542186	0.68	cps
Ytterbium	172-1	137	117	107	120	12.73	cps
Ytterbium	172-2	73	37	57	56	33.04	cps
Ytterbium	176-1	13357	12933	13370	13220	1.88	cps
Ytterbium	176-2	14094	13914	13934	13981	0.71	cps
Yttrium	89-1	9615797	9541934	9307663	9488465	1.70	cps
Yttrium	89-2	954439	963327	964681	960816	0.58	cps
Zinc	66-2	1194445	1209844	1199432	1201240	0.65	cps
Zirconium	90-1	4424855	4325200	4240598	4330218	2.13	cps
Zirconium	91-1	983300	968459	944880	965546	2.01	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	73	93	83	12.00	cps
Antimony	121-1	133	147	287	189	44.97	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	70	27	50	49	44.36	cps
Barium	137-1	87	97	80	88	9.56	cps
Beryllium	9-1	62	91	64	72	22.42	cps
Bismuth	209-1	5762905	5854666	5755575	5791049	0.95	cps
Bismuth	209-2	2654809	2719068	2743254	2705710	1.69	cps
Bromine	81-1	1767	1883	1800	1817	3.31	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	2197	2100	2284	2194	4.18	cps
Cadmium	111-1	1543	1474	1603	1540	4.17	cps
Calcium	43-1	147	157	130	144	9.33	cps
Calcium	44-1	24080	23259	22358	23232	3.71	cps
Carbon	12-1	1913394	1950826	1934150	1932790	0.97	cps
Carbon	12-2	24694	25065	24237	24665	1.68	cps
Chlorine	35-1	160249	160731	162403	161128	0.70	cps
Chlorine	35-2	1120	1120	1140	1127	1.02	cps
Chromium	52-2	743	717	783	748	4.49	cps
Cobalt	59-2	37	50	57	48	21.31	cps
Copper	63-2	497	710	630	612	17.60	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	60	30	53	48	32.97	cps
Erbium	164-2	13	17	53	28	79.90	cps
Gadolinium	160-1	50	43	37	43	15.38	cps
Gadolinium	160-2	120	120	97	112	12.00	cps
Holmium	165-1	8035732	8300295	8658654	8331560	3.75	cps
Holmium	165-2	3482175	3448963	3503178	3478105	0.79	cps
Indium	115-1	6074759	6040991	5897621	6004457	1.57	cps
Indium	115-2	855875	858434	855349	856553	0.19	cps
Iron	54-2	277	290	337	301	10.46	cps
Iron	56-2	1883	1973	2144	2000	6.60	cps
Iron	57-2	100	107	93	100	6.67	cps
Krypton	83-1	210	213	167	197	13.24	cps
Lead	206-1	493	477	433	468	6.62	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	373	440	347	387	12.43	cps
Lead	208-1	1830	1853	1763	1816	2.57	cps
Lithium	6-1	2515057	2512157	2512877	2513364	0.06	cps
Magnesium	24-2	197	177	187	187	5.36	cps
Manganese	55-2	63	77	57	66	15.54	cps
Molybdenum	94-1	177	157	187	173	8.81	cps
Molybdenum	95-1	117	90	77	94	21.56	cps
Molybdenum	96-1	170	173	153	166	6.47	cps
Molybdenum	97-1	67	77	40	61	31.02	cps
Molybdenum	98-1	140	170	143	151	10.88	cps
Neodymium	150-1	3	13	10	9	57.30	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	40	43	43	7.70	cps
Phosphorus	31-2	60	83	70	71	16.47	cps
Potassium	39-2	9283	8960	8990	9077	1.97	cps
Rhodium	103-1	5840927	5799478	5896436	5845614	0.83	cps
Rhodium	103-2	2630287	2633752	2618280	2627439	0.31	cps
Scandium	45-1	3839672	3825862	3751857	3805797	1.24	cps
Scandium	45-2	130943	132551	131704	131733	0.61	cps
Selenium	82-1	-3	3	-20	-7	-180.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	10	10	7	9	21.63	cps
Silicon	28-1	196632	199734	197702	198023	0.80	cps
Silver	107-1	217	210	243	223	7.90	cps
Silver	109-1	160	143	197	167	16.37	cps
Sodium	23-2	21920	21716	21256	21631	1.57	cps
Strontium	86-1	383	363	407	384	5.64	cps
Strontium	88-1	917	920	907	914	0.76	cps
Sulfur	34-1	307905	309900	307319	308375	0.44	cps
Terbium	159-1	8207443	8304724	8254951	8255706	0.59	cps
Terbium	159-2	3278318	3449015	3385948	3371093	2.56	cps
Thallium	203-1	233	233	233	233	0.00	cps
Thallium	205-1	443	500	520	488	8.15	cps
Tin	118-1	657	597	593	616	5.79	cps
Titanium	47-1	87	103	103	98	9.84	cps
Uranium	238-1	17	23	30	23	28.56	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:09:01	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	50	70	60	60	16.67	cps
Ytterbium	172-2	30	27	20	26	19.92	cps
Ytterbium	176-1	803	677	663	714	10.81	cps
Ytterbium	176-2	9200	9767	9714	9560	3.28	cps
Yttrium	89-1	9853555	9844000	9632063	9776539	1.28	cps
Yttrium	89-2	1035251	1045759	1041191	1040734	0.51	cps
Zinc	66-2	73	100	137	103	30.78	cps
Zirconium	90-1	297	377	420	364	17.17	cps
Zirconium	91-1	57	87	103	82	28.76	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404874	401071	404706	403550	0.53	cps
Antimony	121-1	2641055	2596736	2579463	2605751	1.22	cps
Arsenic	75-2	63964	62990	63218	63391	0.80	cps
Barium	135-1	2959065	2860073	2880223	2899787	1.80	cps
Barium	137-1	5111615	4913721	4931448	4985594	2.20	cps
Beryllium	9-1	745213	735154	741230	740532	0.68	cps
Bismuth	209-1	5505111	5520727	5421010	5482283	0.98	cps
Bismuth	209-2	2528462	2563233	2476026	2522574	1.74	cps
Bromine	81-1	3804	4274	4584	4221	9.31	cps
Cadmium	108-1	51031	50603	51315	50983	0.70	cps
Cadmium	106-1	74292	74517	75820	74877	1.10	cps
Cadmium	111-1	664216	665880	681000	670365	1.38	cps
Calcium	43-1	984345	983051	994444	987280	0.63	cps
Calcium	44-1	16064562	15899023	15650834	15871473	1.31	cps
Carbon	12-1	3345057	3499707	3725627	3523464	5.43	cps
Carbon	12-2	51774	52534	52460	52256	0.80	cps
Chlorine	35-1	874776	963294	1043057	960376	8.77	cps
Chlorine	35-2	8489	8833	8766	8696	2.09	cps
Chromium	52-2	711889	695340	699436	702222	1.23	cps
Cobalt	59-2	1260829	1251828	1260637	1257764	0.41	cps
Copper	63-2	9323836	8959818	9180661	9154772	2.00	cps
Dysprosium	156-1	257	297	227	260	13.51	cps
Dysprosium	156-2	130	140	120	130	7.69	cps
Erbium	164-1	193	200	180	191	5.33	cps
Erbium	164-2	97	63	70	77	23.01	cps
Gadolinium	160-1	277	297	277	283	4.08	cps
Gadolinium	160-2	200	207	220	209	4.87	cps
Holmium	165-1	8150024	7949283	8275446	8124917	2.02	cps
Holmium	165-2	3417211	3356864	3461265	3411780	1.54	cps
Indium	115-1	5649723	5703046	5548889	5633886	1.39	cps
Indium	115-2	785932	784581	786098	785537	0.11	cps
Iron	54-2	2082715	2052019	2037534	2057423	1.12	cps
Iron	56-2	35955383	36092323	36206491	36084732	0.35	cps
Iron	57-2	904437	895153	896107	898566	0.57	cps
Krypton	83-1	177	197	133	169	19.17	cps
Lead	206-1	11935142	11614653	11853756	11801184	1.41	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10140904	10048334	10075586	10088275	0.47	cps
Lead	208-1	46633955	46584657	46412776	46543796	0.25	cps
Lithium	6-1	2352202	2322258	2269214	2314558	1.82	cps
Magnesium	24-2	6520404	6387416	6454427	6454083	1.03	cps
Manganese	55-2	3461571	3477907	3500278	3479919	0.56	cps
Molybdenum	94-1	5838374	5913396	5785950	5845907	1.10	cps
Molybdenum	95-1	7414144	7420426	7183948	7339506	1.84	cps
Molybdenum	96-1	8244925	8250978	8070972	8188958	1.25	cps
Molybdenum	97-1	4576576	4616036	4597460	4596690	0.43	cps
Molybdenum	98-1	12133108	12083725	12012702	12076512	0.50	cps
Neodymium	150-1	280	233	327	280	16.67	cps
Neodymium	150-2	27	87	43	52	59.31	cps
Nickel	60-2	346883	340568	339775	342409	1.14	cps
Phosphorus	31-2	260	220	220	233	9.90	cps
Potassium	39-2	2202380	2204614	2203008	2203334	0.05	cps
Rhodium	103-1	5406955	5605546	5381112	5464538	2.25	cps
Rhodium	103-2	2390568	2412453	2415230	2406084	0.56	cps
Scandium	45-1	3685305	3618485	3582585	3628791	1.44	cps
Scandium	45-2	123303	124020	123054	123459	0.41	cps
Selenium	82-1	42990	41866	42786	42547	1.41	cps
Selenium	77-2	1337	1187	1360	1295	7.27	cps
Selenium	78-2	4241	4364	4231	4278	1.74	cps
Silicon	28-1	14701216	14736756	14608986	14682320	0.45	cps
Silver	107-1	2536140	2511447	1999353	2348980	12.90	cps
Silver	109-1	2288721	2434198	1873547	2198822	13.23	cps
Sodium	23-2	10904055	11010213	10775205	10896491	1.08	cps
Strontium	86-1	842958	852673	838114	844582	0.88	cps
Strontium	88-1	7335969	7492816	7481201	7436662	1.18	cps
Sulfur	34-1	366820	359466	354287	360191	1.75	cps
Terbium	159-1	8276256	7957071	8086482	8106603	1.98	cps
Terbium	159-2	3234540	3261347	3301128	3265672	1.03	cps
Thallium	203-1	2983061	3043927	2987713	3004900	1.13	cps
Thallium	205-1	7186497	6969042	7107651	7087730	1.55	cps
Tin	118-1	2017546	1968778	1966455	1984260	1.45	cps
Titanium	47-1	1379596	1341265	1335377	1352079	1.78	cps
Uranium	238-1	10583854	10387428	10584044	10518442	1.08	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-22	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MS	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:12:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	556657	558327	554323	556436	0.36	cps
Ytterbium	172-1	117	127	140	128	9.16	cps
Ytterbium	172-2	27	57	60	48	38.42	cps
Ytterbium	176-1	7355	7489	7452	7432	0.93	cps
Ytterbium	176-2	11722	11929	11989	11880	1.18	cps
Yttrium	89-1	9494797	9318978	9568150	9460642	1.35	cps
Yttrium	89-2	975324	969853	968294	971157	0.38	cps
Zinc	66-2	1139290	1126630	1111239	1125720	1.25	cps
Zirconium	90-1	4301931	4270299	4336280	4302837	0.77	cps
Zirconium	91-1	972204	962689	974521	969805	0.65	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408795	403513	406199	406169	0.65	cps
Antimony	121-1	2695450	2661935	2659181	2672189	0.76	cps
Arsenic	75-2	64202	64520	63378	64034	0.92	cps
Barium	135-1	3011412	2965071	2982227	2986237	0.78	cps
Barium	137-1	5076516	5104172	5086658	5089115	0.27	cps
Beryllium	9-1	748758	746421	749522	748234	0.22	cps
Bismuth	209-1	5479879	5456738	5555106	5497241	0.94	cps
Bismuth	209-2	2485944	2566942	2549707	2534198	1.68	cps
Bromine	81-1	4271	4517	5148	4645	9.74	cps
Cadmium	108-1	51744	51831	52416	51997	0.70	cps
Cadmium	106-1	74614	75475	76330	75473	1.14	cps
Cadmium	111-1	675854	671456	688045	678452	1.27	cps
Calcium	43-1	978261	978550	993822	983544	0.91	cps
Calcium	44-1	15720973	15886837	15761240	15789683	0.55	cps
Carbon	12-1	3374865	3640637	3762662	3592722	5.52	cps
Carbon	12-2	51543	52055	53681	52426	2.13	cps
Chlorine	35-1	732422	781067	797114	770201	4.37	cps
Chlorine	35-2	5778	5971	6201	5984	3.54	cps
Chromium	52-2	708984	704819	703416	705740	0.41	cps
Cobalt	59-2	1272209	1281352	1262202	1271921	0.75	cps
Copper	63-2	9195448	9099031	9177186	9157222	0.56	cps
Dysprosium	156-1	253	300	230	261	13.65	cps
Dysprosium	156-2	127	157	133	139	11.34	cps
Erbium	164-1	150	180	163	164	9.14	cps
Erbium	164-2	87	40	47	58	43.68	cps
Gadolinium	160-1	257	257	217	243	9.49	cps
Gadolinium	160-2	150	223	247	207	24.41	cps
Holmium	165-1	8279541	8202477	8114063	8198694	1.01	cps
Holmium	165-2	3388838	3326164	3366783	3360595	0.95	cps
Indium	115-1	5586784	5559030	5748346	5631387	1.82	cps
Indium	115-2	785738	785635	775931	782434	0.72	cps
Iron	54-2	2085901	2044681	2041859	2057480	1.20	cps
Iron	56-2	36333389	36593279	35757439	36228036	1.18	cps
Iron	57-2	896882	898290	900420	898531	0.20	cps
Krypton	83-1	230	217	220	222	3.12	cps
Lead	206-1	11710656	11797630	11779570	11762619	0.39	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10222290	10246002	10217933	10228742	0.15	cps
Lead	208-1	46863575	47020074	47393479	47092376	0.58	cps
Lithium	6-1	2306346	2289330	2271697	2289124	0.76	cps
Magnesium	24-2	6641833	6463182	6536972	6547329	1.37	cps
Manganese	55-2	3552130	3423702	3494733	3490188	1.84	cps
Molybdenum	94-1	5968166	5832939	5852981	5884695	1.24	cps
Molybdenum	95-1	7367048	7483995	7423976	7425006	0.79	cps
Molybdenum	96-1	8244201	8322682	8417661	8328181	1.04	cps
Molybdenum	97-1	4607211	4695963	4672186	4658453	0.99	cps
Molybdenum	98-1	12032858	12185344	11775089	11997764	1.73	cps
Neodymium	150-1	233	307	317	286	15.93	cps
Neodymium	150-2	40	47	17	34	45.73	cps
Nickel	60-2	339919	341642	339525	340362	0.33	cps
Phosphorus	31-2	220	223	287	243	15.44	cps
Potassium	39-2	2193821	2156834	2155465	2168707	1.00	cps
Rhodium	103-1	5350995	5387577	5410361	5382978	0.56	cps
Rhodium	103-2	2472114	2386385	2402890	2420463	1.88	cps
Scandium	45-1	3632885	3651495	3558417	3614266	1.36	cps
Scandium	45-2	122769	122087	120336	121731	1.03	cps
Selenium	82-1	41285	42545	42599	42143	1.76	cps
Selenium	77-2	1237	1273	1260	1257	1.48	cps
Selenium	78-2	4294	4144	4131	4190	2.17	cps
Silicon	28-1	14282966	14349696	14486662	14373108	0.72	cps
Silver	107-1	2645972	2701391	2609526	2652297	1.74	cps
Silver	109-1	2720921	2654744	2083260	2486308	14.10	cps
Sodium	23-2	11180633	11330220	10900289	11137047	1.96	cps
Strontium	86-1	847491	847280	852039	848937	0.32	cps
Strontium	88-1	7561486	7434843	7470054	7488794	0.87	cps
Sulfur	34-1	353856	353936	352878	353557	0.17	cps
Terbium	159-1	8149964	8224651	8126156	8166923	0.63	cps
Terbium	159-2	3222477	3295690	3152038	3223402	2.23	cps
Thallium	203-1	3037379	3001610	3047230	3028740	0.79	cps
Thallium	205-1	7278495	7308804	7298318	7295206	0.21	cps
Tin	118-1	2031685	2016909	2047843	2032146	0.76	cps
Titanium	47-1	1364480	1403793	1336443	1368239	2.47	cps
Uranium	238-1	10396907	11017925	10816294	10743709	2.95	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-23	Instrumnet Name :	P8
Client Sample ID :	MC0LT0MSD	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:15:27	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	567934	564561	557482	563326	0.95	cps
Ytterbium	172-1	110	103	67	93	25.00	cps
Ytterbium	172-2	40	57	33	43	27.74	cps
Ytterbium	176-1	7512	7526	7472	7503	0.37	cps
Ytterbium	176-2	11645	12056	12409	12037	3.18	cps
Yttrium	89-1	9322679	9308748	9329356	9320261	0.11	cps
Yttrium	89-2	969209	972905	947278	963131	1.44	cps
Zinc	66-2	1118712	1132507	1116366	1122528	0.78	cps
Zirconium	90-1	4356736	4400798	4407214	4388249	0.63	cps
Zirconium	91-1	991029	989556	983669	988084	0.39	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405491	404382	402922	404265	0.32	cps
Antimony	121-1	2674943	2586944	2663979	2641955	1.82	cps
Arsenic	75-2	62890	63907	62608	63135	1.08	cps
Barium	135-1	2998451	2901502	3017830	2972594	2.10	cps
Barium	137-1	5113089	4988679	5137744	5079837	1.57	cps
Beryllium	9-1	743571	740490	753515	745859	0.91	cps
Bismuth	209-1	5492720	5607407	5403127	5501085	1.86	cps
Bismuth	209-2	2486457	2557631	2587577	2543889	2.04	cps
Bromine	81-1	4297	4721	5221	4746	9.74	cps
Cadmium	108-1	50499	51637	51676	51271	1.30	cps
Cadmium	106-1	76340	74349	74902	75197	1.37	cps
Cadmium	111-1	671978	672693	684851	676507	1.07	cps
Calcium	43-1	983385	994771	1003521	993892	1.02	cps
Calcium	44-1	15748956	16033491	15701396	15827948	1.13	cps
Carbon	12-1	3502713	3754683	3930014	3729137	5.76	cps
Carbon	12-2	54648	55407	55042	55032	0.69	cps
Chlorine	35-1	942005	999882	1063711	1001866	6.08	cps
Chlorine	35-2	7782	7866	7949	7866	1.06	cps
Chromium	52-2	700234	709675	702265	704058	0.71	cps
Cobalt	59-2	1279747	1273354	1261547	1271549	0.73	cps
Copper	63-2	9174180	9254785	9177534	9202166	0.50	cps
Dysprosium	156-1	243	247	230	240	3.68	cps
Dysprosium	156-2	123	103	100	109	11.59	cps
Erbium	164-1	213	157	137	169	23.55	cps
Erbium	164-2	73	83	67	74	11.26	cps
Gadolinium	160-1	270	250	313	278	11.65	cps
Gadolinium	160-2	253	227	250	243	5.97	cps
Holmium	165-1	8109178	8167747	8180273	8152399	0.47	cps
Holmium	165-2	3376665	3381727	3446691	3401695	1.15	cps
Indium	115-1	5744784	5559792	5685055	5663210	1.67	cps
Indium	115-2	781142	781697	783076	781972	0.13	cps
Iron	54-2	2014365	2058627	1994049	2022347	1.63	cps
Iron	56-2	36025613	36442130	35650694	36039479	1.10	cps
Iron	57-2	906901	903067	896778	902249	0.57	cps
Krypton	83-1	230	190	220	213	9.76	cps
Lead	206-1	12109442	11903548	11846693	11953228	1.16	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10270044	10072104	10429917	10257355	1.75	cps
Lead	208-1	47733020	47198685	47308255	47413320	0.60	cps
Lithium	6-1	2301307	2299012	2347632	2315984	1.18	cps
Magnesium	24-2	6503543	6471071	6506934	6493849	0.30	cps
Manganese	55-2	3450733	3539665	3476343	3488914	1.31	cps
Molybdenum	94-1	5927695	5804972	5852932	5861866	1.06	cps
Molybdenum	95-1	7578007	7318971	7429063	7442014	1.75	cps
Molybdenum	96-1	8368066	8157315	8291559	8272313	1.29	cps
Molybdenum	97-1	4575308	4492277	4693444	4587010	2.20	cps
Molybdenum	98-1	12269860	11898019	12372156	12180011	2.05	cps
Neodymium	150-1	237	297	243	259	12.70	cps
Neodymium	150-2	57	87	43	62	35.67	cps
Nickel	60-2	340132	341797	340503	340811	0.26	cps
Phosphorus	31-2	227	253	193	224	13.39	cps
Potassium	39-2	2197207	2143304	2185406	2175306	1.30	cps
Rhodium	103-1	5412325	5312430	5484466	5403074	1.60	cps
Rhodium	103-2	2386227	2340248	2421951	2382809	1.72	cps
Scandium	45-1	3651621	3641474	3561462	3618186	1.36	cps
Scandium	45-2	123398	123754	122315	123156	0.61	cps
Selenium	82-1	42378	42836	42124	42446	0.85	cps
Selenium	77-2	1230	1080	1257	1189	8.01	cps
Selenium	78-2	4221	4317	4261	4266	1.14	cps
Silicon	28-1	14421282	14523864	14803941	14583029	1.36	cps
Silver	107-1	3345373	2748457	2364300	2819377	17.53	cps
Silver	109-1	2049317	1724398	2144946	1972887	11.17	cps
Sodium	23-2	11003707	10939445	11034812	10992655	0.44	cps
Strontium	86-1	856762	855422	864310	858831	0.56	cps
Strontium	88-1	7497772	7436662	7555912	7496782	0.80	cps
Sulfur	34-1	352801	348422	348383	349869	0.73	cps
Terbium	159-1	7891141	7976273	7969545	7945653	0.60	cps
Terbium	159-2	3285125	3212842	3232167	3243378	1.15	cps
Thallium	203-1	3033645	3035170	3009565	3026127	0.47	cps
Thallium	205-1	7405743	7177529	7242661	7275311	1.62	cps
Tin	118-1	2041842	1952636	2030980	2008486	2.42	cps
Titanium	47-1	1368990	1382991	1364374	1372118	0.71	cps
Uranium	238-1	11108739	10590711	10741910	10813787	2.46	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-21A	Instrumnet Name :	P8
Client Sample ID :	MC0LT0A	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:18:25	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	561236	557528	561714	560159	0.41	cps
Ytterbium	172-1	110	120	117	116	4.41	cps
Ytterbium	172-2	53	60	63	59	8.65	cps
Ytterbium	176-1	7832	7419	7392	7548	3.27	cps
Ytterbium	176-2	11515	11902	12256	11891	3.12	cps
Yttrium	89-1	9340425	9398105	9463120	9400550	0.65	cps
Yttrium	89-2	968373	962813	970383	967189	0.41	cps
Zinc	66-2	1117890	1126931	1119298	1121373	0.43	cps
Zirconium	90-1	4330314	4312738	4373122	4338725	0.72	cps
Zirconium	91-1	976761	971745	985258	977921	0.70	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61831	62098	61540	61823	0.45	cps
Antimony	121-1	1927	2294	2904	2375	20.78	cps
Arsenic	75-2	293	320	293	302	5.09	cps
Barium	135-1	73340	73733	75006	74026	1.18	cps
Barium	137-1	130049	129326	132435	130603	1.25	cps
Beryllium	9-1	690	620	547	619	11.51	cps
Bismuth	209-1	5636802	5599981	5703977	5646920	0.93	cps
Bismuth	209-2	2695512	2628159	2645268	2656313	1.32	cps
Bromine	81-1	8686	10174	11081	9980	12.12	cps
Cadmium	108-1	57	53	53	54	3.54	cps
Cadmium	106-1	2474	2404	2410	2429	1.59	cps
Cadmium	111-1	2125	2029	2007	2053	3.07	cps
Calcium	43-1	457430	464283	471421	464378	1.51	cps
Calcium	44-1	7323037	7391639	7669715	7461464	2.46	cps
Carbon	12-1	4194192	4816349	5187825	4732789	10.61	cps
Carbon	12-2	72256	73781	74514	73517	1.57	cps
Chlorine	35-1	678485	717297	747341	714374	4.83	cps
Chlorine	35-2	5634	5591	5484	5570	1.39	cps
Chromium	52-2	4444	4497	4654	4532	2.41	cps
Cobalt	59-2	12823	13623	13200	13215	3.03	cps
Copper	63-2	10477	10721	10297	10498	2.03	cps
Dysprosium	156-1	2700	2447	2787	2645	6.68	cps
Dysprosium	156-2	1150	1217	1110	1159	4.65	cps
Erbium	164-1	2370	2190	2304	2288	3.98	cps
Erbium	164-2	940	973	903	939	3.73	cps
Gadolinium	160-1	2617	2637	2704	2653	1.71	cps
Gadolinium	160-2	1293	1390	1390	1358	4.11	cps
Holmium	165-1	8100894	8163780	8331940	8198871	1.46	cps
Holmium	165-2	3409674	3501460	3400845	3437326	1.62	cps
Indium	115-1	5678306	5846970	5858712	5794663	1.74	cps
Indium	115-2	824714	830108	830822	828548	0.40	cps
Iron	54-2	230196	229926	232141	230754	0.52	cps
Iron	56-2	4251532	4234787	4167553	4217958	1.05	cps
Iron	57-2	104973	107951	104600	105841	1.74	cps
Krypton	83-1	197	207	207	203	2.84	cps
Lead	206-1	17399	16884	15947	16743	4.40	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14782	13681	13247	13903	5.69	cps
Lead	208-1	68950	64413	62516	65293	5.06	cps
Lithium	6-1	2401322	2306451	2422617	2376797	2.60	cps
Magnesium	24-2	853159	860814	868194	860722	0.87	cps
Manganese	55-2	1405567	1454698	1403712	1421326	2.03	cps
Molybdenum	94-1	4534	4267	3981	4261	6.50	cps
Molybdenum	95-1	2560	2020	1707	2096	20.60	cps
Molybdenum	96-1	3380	2980	2504	2955	14.86	cps
Molybdenum	97-1	1507	1257	1140	1301	14.40	cps
Molybdenum	98-1	4257	3304	2800	3454	21.43	cps
Neodymium	150-1	3604	3777	3727	3703	2.41	cps
Neodymium	150-2	1093	1127	1130	1117	1.82	cps
Nickel	60-2	7469	7762	7645	7625	1.94	cps
Phosphorus	31-2	780	867	867	838	5.97	cps
Potassium	39-2	462707	465153	459107	462323	0.66	cps
Rhodium	103-1	5532884	5611785	5730449	5625039	1.77	cps
Rhodium	103-2	2537189	2596559	2553099	2562282	1.20	cps
Scandium	45-1	3714272	3656688	3761401	3710787	1.41	cps
Scandium	45-2	126370	126420	127601	126797	0.55	cps
Selenium	82-1	33	-23	-7	1	2616.08	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	20	17	13	17	20.01	cps
Silicon	28-1	18284372	18411778	18820849	18505667	1.51	cps
Silver	107-1	847	843	797	829	3.37	cps
Silver	109-1	807	813	677	766	10.06	cps
Sodium	23-2	478252	479966	476557	478258	0.36	cps
Strontium	86-1	136590	136869	139257	137572	1.07	cps
Strontium	88-1	1188270	1209402	1210849	1202840	1.05	cps
Sulfur	34-1	938196	952511	945036	945247	0.76	cps
Terbium	159-1	8049256	7958249	8385051	8130852	2.76	cps
Terbium	159-2	3310089	3308574	3303391	3307351	0.11	cps
Thallium	203-1	1890	1433	1490	1605	15.52	cps
Thallium	205-1	4484	3604	3451	3846	14.50	cps
Tin	118-1	2904	2577	2797	2759	6.04	cps
Titanium	47-1	21680	21119	21883	21561	1.84	cps
Uranium	238-1	6055	4834	4284	5058	17.92	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-24	Instrumnet Name :	P8
Client Sample ID :	MC0LT1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:21:25	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3467	3337	3297	3367	2.64	cps
Ytterbium	172-1	613	643	727	661	8.88	cps
Ytterbium	172-2	367	327	333	342	6.26	cps
Ytterbium	176-1	1300	1257	1193	1250	4.29	cps
Ytterbium	176-2	9744	9840	10421	10002	3.66	cps
Yttrium	89-1	9526408	9580255	9739989	9615551	1.16	cps
Yttrium	89-2	1000239	1015129	1018494	1011287	0.96	cps
Zinc	66-2	7669	7726	7816	7737	0.96	cps
Zirconium	90-1	8858	7692	8486	8345	7.14	cps
Zirconium	91-1	1703	1963	1890	1852	7.24	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3547	3544	3494	3528	0.85	cps
Antimony	121-1	453	500	823	592	34.03	cps
Arsenic	75-2	220	223	170	204	14.61	cps
Barium	135-1	153365	155394	154389	154383	0.66	cps
Barium	137-1	271042	272089	269744	270958	0.43	cps
Beryllium	9-1	184	199	220	201	9.07	cps
Bismuth	209-1	5775413	5706850	5783602	5755288	0.73	cps
Bismuth	209-2	2716470	2655183	2708626	2693426	1.24	cps
Bromine	81-1	7686	8746	9367	8599	9.89	cps
Cadmium	108-1	20	23	43	29	43.68	cps
Cadmium	106-1	2484	2470	2277	2410	4.80	cps
Cadmium	111-1	1908	1820	1717	1815	5.27	cps
Calcium	43-1	807446	816592	816788	813608	0.66	cps
Calcium	44-1	13018960	13325596	12987579	13110712	1.42	cps
Carbon	12-1	3059000	3428188	3678185	3388458	9.19	cps
Carbon	12-2	49399	49520	50162	49694	0.83	cps
Chlorine	35-1	760990	828956	851639	813862	5.80	cps
Chlorine	35-2	6825	6618	6658	6700	1.64	cps
Chromium	52-2	2027	1853	1873	1918	4.95	cps
Cobalt	59-2	13410	13553	13330	13431	0.84	cps
Copper	63-2	2560	2730	2747	2679	3.86	cps
Dysprosium	156-1	417	447	420	428	3.84	cps
Dysprosium	156-2	193	217	167	192	13.02	cps
Erbium	164-1	543	493	373	470	18.59	cps
Erbium	164-2	203	133	203	180	22.45	cps
Gadolinium	160-1	533	523	533	530	1.09	cps
Gadolinium	160-2	347	357	333	346	3.39	cps
Holmium	165-1	8491615	8452623	8480852	8475030	0.24	cps
Holmium	165-2	3585339	3577396	3435091	3532609	2.39	cps
Indium	115-1	5905324	6064483	5881935	5950581	1.67	cps
Indium	115-2	850818	846644	855610	851024	0.53	cps
Iron	54-2	1810811	1853368	1810480	1824886	1.35	cps
Iron	56-2	32792215	32572080	32925187	32763160	0.54	cps
Iron	57-2	812771	825959	810162	816297	1.04	cps
Krypton	83-1	213	210	240	221	7.44	cps
Lead	206-1	5421	5635	5571	5542	1.98	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4588	4264	5094	4649	9.00	cps
Lead	208-1	21167	21347	22558	21691	3.49	cps
Lithium	6-1	2494295	2522298	2512230	2509608	0.57	cps
Magnesium	24-2	1463698	1458156	1496356	1472737	1.40	cps
Manganese	55-2	3582384	3573537	3611217	3589046	0.55	cps
Molybdenum	94-1	480	680	827	662	26.28	cps
Molybdenum	95-1	473	463	647	528	19.53	cps
Molybdenum	96-1	543	607	770	640	18.27	cps
Molybdenum	97-1	263	250	390	301	25.66	cps
Molybdenum	98-1	623	667	997	762	26.79	cps
Neodymium	150-1	477	573	520	523	9.25	cps
Neodymium	150-2	173	150	127	150	15.56	cps
Nickel	60-2	3437	3637	3570	3548	2.87	cps
Phosphorus	31-2	137	117	160	138	15.74	cps
Potassium	39-2	162160	164459	163845	163488	0.73	cps
Rhodium	103-1	5733855	5846819	5609717	5730130	2.07	cps
Rhodium	103-2	2598589	2579843	2604172	2594202	0.49	cps
Scandium	45-1	3855040	3946098	3865594	3888911	1.28	cps
Scandium	45-2	130873	131983	130372	131076	0.63	cps
Selenium	82-1	-40	-20	33	-9	-426.62	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	23	37	13	24	47.91	cps
Silicon	28-1	18053128	18472106	18352845	18292693	1.18	cps
Silver	107-1	347	423	343	371	12.19	cps
Silver	109-1	353	333	257	314	16.23	cps
Sodium	23-2	919501	930948	921086	923845	0.67	cps
Strontium	86-1	294558	304439	298292	299096	1.67	cps
Strontium	88-1	2648111	2672909	2694553	2671858	0.87	cps
Sulfur	34-1	1057596	1079244	1063764	1066868	1.05	cps
Terbium	159-1	8281243	8403891	8316710	8333948	0.76	cps
Terbium	159-2	3445237	3448467	3465566	3453090	0.32	cps
Thallium	203-1	450	377	473	433	11.64	cps
Thallium	205-1	1123	997	1213	1111	9.80	cps
Tin	118-1	1937	1860	1887	1895	2.05	cps
Titanium	47-1	860	793	793	816	4.72	cps
Uranium	238-1	1217	993	1340	1183	14.85	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-25	Instrumnet Name :	P8
Client Sample ID :	MC0M99	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:24:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	187	217	197	200	7.64	cps
Ytterbium	172-1	147	80	167	131	34.61	cps
Ytterbium	172-2	113	70	70	84	29.63	cps
Ytterbium	176-1	977	917	837	910	7.72	cps
Ytterbium	176-2	9540	9981	9807	9776	2.27	cps
Yttrium	89-1	9787751	9967994	9894130	9883292	0.92	cps
Yttrium	89-2	1040679	1039896	1048459	1043012	0.45	cps
Zinc	66-2	5308	5374	5321	5334	0.66	cps
Zirconium	90-1	1020	1067	1403	1163	17.98	cps
Zirconium	91-1	250	250	360	287	22.16	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1243	1073	1003	1107	11.15	cps
Antimony	121-1	273	420	470	388	26.36	cps
Arsenic	75-2	223	227	227	226	0.85	cps
Barium	135-1	111475	110103	113602	111727	1.58	cps
Barium	137-1	194943	197285	196041	196090	0.60	cps
Beryllium	9-1	146	196	194	179	15.76	cps
Bismuth	209-1	5773263	5720297	5171015	5554858	6.00	cps
Bismuth	209-2	2638251	2713846	2730897	2694331	1.83	cps
Bromine	81-1	7492	8649	9006	8383	9.44	cps
Cadmium	108-1	10	17	17	14	26.66	cps
Cadmium	106-1	2427	2534	2177	2379	7.70	cps
Cadmium	111-1	1725	1862	1572	1720	8.43	cps
Calcium	43-1	731747	736903	744181	737610	0.85	cps
Calcium	44-1	11668539	12052197	11730527	11817088	1.74	cps
Carbon	12-1	2978554	3277090	3470766	3242137	7.65	cps
Carbon	12-2	46169	46059	46641	46289	0.67	cps
Chlorine	35-1	929670	1015811	1067233	1004238	6.92	cps
Chlorine	35-2	7819	8042	8042	7968	1.62	cps
Chromium	52-2	1717	1647	1513	1626	6.35	cps
Cobalt	59-2	8593	8349	7959	8300	3.85	cps
Copper	63-2	3080	2094	1533	2236	35.03	cps
Dysprosium	156-1	167	150	110	142	20.48	cps
Dysprosium	156-2	43	43	60	49	19.69	cps
Erbium	164-1	207	173	133	171	21.46	cps
Erbium	164-2	80	83	83	82	2.34	cps
Gadolinium	160-1	187	193	157	179	10.92	cps
Gadolinium	160-2	200	193	143	179	17.31	cps
Holmium	165-1	8423733	8383953	7312824	8040170	7.84	cps
Holmium	165-2	3506041	3559220	3539585	3534949	0.76	cps
Indium	115-1	5913053	5944996	5441626	5766558	4.89	cps
Indium	115-2	826938	852123	852724	843928	1.74	cps
Iron	54-2	997322	982535	992007	990621	0.76	cps
Iron	56-2	18173929	17595000	18133717	17967549	1.80	cps
Iron	57-2	453275	451459	449922	451552	0.37	cps
Krypton	83-1	183	160	213	186	14.41	cps
Lead	206-1	1787	2090	2054	1977	8.38	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1453	1897	1750	1700	13.29	cps
Lead	208-1	7191	8625	8498	8104	9.79	cps
Lithium	6-1	2501640	2512167	2246552	2420120	6.21	cps
Magnesium	24-2	1460277	1461142	1435350	1452256	1.01	cps
Manganese	55-2	2958002	2846605	2910242	2904949	1.92	cps
Molybdenum	94-1	280	567	563	470	35.01	cps
Molybdenum	95-1	187	447	487	373	43.63	cps
Molybdenum	96-1	277	607	497	460	36.53	cps
Molybdenum	97-1	167	307	340	271	33.93	cps
Molybdenum	98-1	363	760	767	630	36.66	cps
Neodymium	150-1	157	143	207	169	19.77	cps
Neodymium	150-2	30	57	50	46	30.47	cps
Nickel	60-2	1677	1677	1570	1641	3.75	cps
Phosphorus	31-2	120	97	93	103	14.06	cps
Potassium	39-2	172103	173413	171541	172352	0.56	cps
Rhodium	103-1	5618684	5815676	5159286	5531215	6.09	cps
Rhodium	103-2	2540532	2646914	2625508	2604318	2.16	cps
Scandium	45-1	3812473	3939950	3476749	3743057	6.39	cps
Scandium	45-2	129434	129083	130406	129641	0.53	cps
Selenium	82-1	40	17	47	34	45.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	0	13	10	88.20	cps
Silicon	28-1	18695057	18927489	19217878	18946808	1.38	cps
Silver	107-1	190	253	210	218	14.87	cps
Silver	109-1	183	210	193	196	6.89	cps
Sodium	23-2	1169765	1127092	1103618	1133492	2.96	cps
Strontium	86-1	310168	313982	311027	311726	0.64	cps
Strontium	88-1	2775187	2737824	2863382	2792131	2.31	cps
Sulfur	34-1	1049539	1068076	1053060	1056891	0.93	cps
Terbium	159-1	8419194	8422549	7407584	8083109	7.24	cps
Terbium	159-2	3339013	3401496	3392791	3377766	1.00	cps
Thallium	203-1	357	330	387	358	7.92	cps
Thallium	205-1	807	1070	947	941	14.00	cps
Tin	118-1	2534	2717	2397	2549	6.30	cps
Titanium	47-1	613	593	663	623	5.79	cps
Uranium	238-1	193	577	530	433	48.27	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-26	Instrumnet Name :	P8
Client Sample ID :	MC0MA0	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:28:06	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	140	130	77	116	29.46	cps
Ytterbium	172-1	113	67	63	81	34.46	cps
Ytterbium	172-2	60	57	43	53	16.54	cps
Ytterbium	176-1	807	880	713	800	10.44	cps
Ytterbium	176-2	9707	10314	9947	9989	3.06	cps
Yttrium	89-1	9866269	10067564	9066779	9666871	5.48	cps
Yttrium	89-2	1022356	1041231	1045315	1036300	1.18	cps
Zinc	66-2	3020	2924	3010	2985	1.78	cps
Zirconium	90-1	583	803	950	779	23.69	cps
Zirconium	91-1	80	153	187	140	38.98	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110684	114627	109465	111592	2.42	cps
Antimony	121-1	333	460	557	450	24.89	cps
Arsenic	75-2	473	517	463	484	5.85	cps
Barium	135-1	42801	43252	44068	43374	1.48	cps
Barium	137-1	73907	75979	77138	75675	2.16	cps
Beryllium	9-1	2020	2161	2116	2099	3.44	cps
Bismuth	209-1	5717150	5752448	5861448	5777015	1.30	cps
Bismuth	209-2	2619565	2652423	2605905	2625964	0.91	cps
Bromine	81-1	4454	4844	5284	4861	8.55	cps
Cadmium	108-1	73	93	73	80	14.43	cps
Cadmium	106-1	2417	2650	2537	2535	4.60	cps
Cadmium	111-1	2871	2997	2858	2908	2.64	cps
Calcium	43-1	1141649	1158790	1171550	1157330	1.30	cps
Calcium	44-1	18481546	18745630	19106031	18777736	1.67	cps
Carbon	12-1	3213600	3656875	3855010	3575162	9.19	cps
Carbon	12-2	52557	53427	54230	53404	1.57	cps
Chlorine	35-1	1059059	1146980	1245099	1150379	8.09	cps
Chlorine	35-2	9080	9286	9530	9299	2.42	cps
Chromium	52-2	3417	3144	3077	3213	5.61	cps
Cobalt	59-2	177658	176817	177287	177254	0.24	cps
Copper	63-2	25970	25546	26184	25900	1.25	cps
Dysprosium	156-1	7856	7982	8403	8080	3.54	cps
Dysprosium	156-2	3434	3334	3510	3426	2.59	cps
Erbium	164-1	8316	8776	8289	8461	3.24	cps
Erbium	164-2	3407	3511	3344	3420	2.46	cps
Gadolinium	160-1	8089	8790	8823	8567	4.84	cps
Gadolinium	160-2	4207	4297	3824	4110	6.12	cps
Holmium	165-1	8051489	8631307	8670684	8451160	4.10	cps
Holmium	165-2	3495918	3575217	3445177	3505437	1.87	cps
Indium	115-1	6005371	6090386	6018937	6038231	0.76	cps
Indium	115-2	842901	840991	844747	842880	0.22	cps
Iron	54-2	2089863	2088341	2135646	2104617	1.28	cps
Iron	56-2	37415747	37040132	37841824	37432567	1.07	cps
Iron	57-2	927658	942055	940895	936869	0.85	cps
Krypton	83-1	223	203	220	216	4.97	cps
Lead	206-1	12446	12636	12700	12594	1.05	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9981	10371	10111	10154	1.96	cps
Lead	208-1	47381	48546	47587	47838	1.30	cps
Lithium	6-1	2414865	2498239	2513096	2475400	2.14	cps
Magnesium	24-2	1718713	1749287	1774546	1747516	1.60	cps
Manganese	55-2	7383376	7311018	7496574	7396989	1.26	cps
Molybdenum	94-1	980	2428	1130	1513	52.62	cps
Molybdenum	95-1	237	563	227	342	55.98	cps
Molybdenum	96-1	527	837	570	644	26.06	cps
Molybdenum	97-1	143	337	147	209	52.98	cps
Molybdenum	98-1	393	810	350	518	49.06	cps
Neodymium	150-1	8593	8690	8910	8731	1.86	cps
Neodymium	150-2	2547	2447	2794	2596	6.88	cps
Nickel	60-2	55612	55484	54681	55259	0.91	cps
Phosphorus	31-2	180	137	130	149	18.23	cps
Potassium	39-2	186878	185574	189303	187252	1.01	cps
Rhodium	103-1	5715781	5874052	6005820	5865218	2.48	cps
Rhodium	103-2	2640596	2598746	2571932	2603758	1.33	cps
Scandium	45-1	3883503	3971851	3996847	3950734	1.51	cps
Scandium	45-2	131866	130728	130944	131179	0.46	cps
Selenium	82-1	-33	-20	-3	-19	-79.60	cps
Selenium	77-2	10	3	17	10	66.70	cps
Selenium	78-2	33	13	20	22	45.83	cps
Silicon	28-1	30298080	30891764	30813110	30667651	1.05	cps
Silver	107-1	173	283	153	203	34.43	cps
Silver	109-1	123	3368	113	1202	156.15	cps
Sodium	23-2	554153	554108	550521	552927	0.38	cps
Strontium	86-1	381721	392111	396544	390125	1.95	cps
Strontium	88-1	3421817	3494775	3453457	3456683	1.06	cps
Sulfur	34-1	2528989	2597146	2576161	2567432	1.36	cps
Terbium	159-1	8282240	8509929	8600537	8464235	1.94	cps
Terbium	159-2	3353465	3367371	3443449	3388095	1.43	cps
Thallium	203-1	4774	4934	4738	4815	2.17	cps
Thallium	205-1	11408	11835	11996	11747	2.58	cps
Tin	118-1	2000	2157	2094	2084	3.78	cps
Titanium	47-1	7799	9371	6116	7762	20.97	cps
Uranium	238-1	5174	5618	5511	5435	4.26	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-27	Instrumnet Name :	P8
Client Sample ID :	MC0MA1	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:31:24	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1800	1917	1853	1857	3.15	cps
Ytterbium	172-1	2117	1827	1907	1950	7.68	cps
Ytterbium	172-2	867	930	773	857	9.20	cps
Ytterbium	176-1	1984	2020	1984	1996	1.06	cps
Ytterbium	176-2	10788	10581	10351	10573	2.07	cps
Yttrium	89-1	9810645	10476272	10173992	10153637	3.28	cps
Yttrium	89-2	1045282	1050621	1050288	1048730	0.29	cps
Zinc	66-2	40886	41758	40397	41014	1.68	cps
Zirconium	90-1	2190	2637	2307	2378	9.75	cps
Zirconium	91-1	547	543	553	548	0.93	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	613	400	397	470	26.41	cps
Antimony	121-1	187	197	227	203	10.24	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	310	367	280	319	13.80	cps
Barium	137-1	557	597	587	580	3.59	cps
Beryllium	9-1	95	90	90	92	3.15	cps
Bismuth	209-1	5742285	5855526	5797225	5798345	0.98	cps
Bismuth	209-2	2736019	2747135	2663235	2715463	1.68	cps
Bromine	81-1	2537	2174	2344	2351	7.73	cps
Cadmium	108-1	23	3	7	11	96.43	cps
Cadmium	106-1	2360	2567	2447	2458	4.22	cps
Cadmium	111-1	1666	1821	1732	1740	4.48	cps
Calcium	43-1	1033	1773	723	1177	45.85	cps
Calcium	44-1	39016	50630	34862	41503	19.69	cps
Carbon	12-1	2775603	3008478	3015077	2933053	4.65	cps
Carbon	12-2	39817	40506	39744	40022	1.05	cps
Chlorine	35-1	1279010	1390075	1455883	1374989	6.50	cps
Chlorine	35-2	11268	11425	11098	11263	1.45	cps
Chromium	52-2	1640	1570	1450	1553	6.19	cps
Cobalt	59-2	183	93	63	113	55.11	cps
Copper	63-2	1747	1843	1837	1809	2.98	cps
Dysprosium	156-1	17	33	27	26	32.81	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	83	73	63	73	13.64	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	53	63	47	54	15.40	cps
Gadolinium	160-2	117	117	123	119	3.24	cps
Holmium	165-1	8093034	8271258	8286906	8217066	1.31	cps
Holmium	165-2	3459381	3585062	3510178	3518207	1.80	cps
Indium	115-1	5912860	6088990	6159894	6053915	2.10	cps
Indium	115-2	863791	870539	867354	867228	0.39	cps
Iron	54-2	2780	1823	1777	2127	26.63	cps
Iron	56-2	48431	29033	28171	35212	32.54	cps
Iron	57-2	1347	793	723	954	35.78	cps
Krypton	83-1	203	190	217	203	6.56	cps
Lead	206-1	1527	1570	1577	1558	1.74	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1387	1337	1337	1353	2.13	cps
Lead	208-1	6404	6201	6461	6355	2.15	cps
Lithium	6-1	2539680	2553463	2525804	2539649	0.54	cps
Magnesium	24-2	1673	823	700	1066	49.74	cps
Manganese	55-2	5362	1633	1567	2854	76.10	cps
Molybdenum	94-1	287	233	237	252	11.84	cps
Molybdenum	95-1	93	143	90	109	27.44	cps
Molybdenum	96-1	143	223	200	189	21.78	cps
Molybdenum	97-1	80	90	67	79	14.84	cps
Molybdenum	98-1	97	153	173	141	28.18	cps
Neodymium	150-1	17	27	17	20	28.86	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	263	203	227	231	13.09	cps
Phosphorus	31-2	110	80	80	90	19.25	cps
Potassium	39-2	10177	9927	9757	9954	2.12	cps
Rhodium	103-1	5827806	6016526	6025215	5956516	1.87	cps
Rhodium	103-2	2640001	2706756	2709574	2685444	1.47	cps
Scandium	45-1	3914435	3869524	3886408	3890122	0.58	cps
Scandium	45-2	134486	134590	134864	134647	0.14	cps
Selenium	82-1	-40	-13	-20	-24	-56.78	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	3	13	20	12	68.66	cps
Silicon	28-1	327631	357549	327858	337679	5.10	cps
Silver	107-1	190	303	127	207	43.31	cps
Silver	109-1	140	267	83	163	57.47	cps
Sodium	23-2	22531	22177	21987	22231	1.24	cps
Strontium	86-1	677	917	543	712	26.56	cps
Strontium	88-1	2700	4711	1853	3088	47.53	cps
Sulfur	34-1	323446	322821	322747	323005	0.12	cps
Terbium	159-1	8103254	8318142	8418614	8280004	1.95	cps
Terbium	159-2	3510367	3465731	3413248	3463115	1.40	cps
Thallium	203-1	270	260	227	252	9.00	cps
Thallium	205-1	670	573	523	589	12.66	cps
Tin	118-1	1850	1853	2047	1917	5.88	cps
Titanium	47-1	357	370	363	363	1.84	cps
Uranium	238-1	37	23	30	30	22.23	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-28	Instrumnet Name :	P8
Client Sample ID :	MC0MA2	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:34:42	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	30	57	43	30.77	cps
Ytterbium	172-1	40	63	80	61	32.88	cps
Ytterbium	172-2	27	23	23	24	7.89	cps
Ytterbium	176-1	750	847	987	861	13.82	cps
Ytterbium	176-2	10074	9864	10277	10072	2.05	cps
Yttrium	89-1	9839987	10188598	10146690	10058425	1.89	cps
Yttrium	89-2	1048181	1070176	1053653	1057337	1.08	cps
Zinc	66-2	2130	2250	2297	2226	3.86	cps
Zirconium	90-1	540	593	613	582	6.51	cps
Zirconium	91-1	113	110	153	126	19.21	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	247	243	256	7.19	cps
Antimony	121-1	110	140	163	138	19.41	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	157	163	133	151	10.42	cps
Barium	137-1	230	233	220	228	3.05	cps
Beryllium	9-1	72	79	61	71	12.52	cps
Bismuth	209-1	5787570	5715880	5979556	5827669	2.34	cps
Bismuth	209-2	2709882	2757544	2720999	2729475	0.91	cps
Bromine	81-1	2100	2000	1837	1979	6.72	cps
Cadmium	108-1	10	13	7	10	33.30	cps
Cadmium	106-1	2374	2270	2470	2371	4.22	cps
Cadmium	111-1	1668	1606	1751	1675	4.34	cps
Calcium	43-1	467	470	437	458	4.01	cps
Calcium	44-1	29674	30660	30355	30230	1.67	cps
Carbon	12-1	2668140	2911173	3012698	2864004	6.18	cps
Carbon	12-2	39520	40041	40332	39964	1.03	cps
Chlorine	35-1	1196339	1282016	1295246	1257867	4.27	cps
Chlorine	35-2	9296	9323	9984	9534	4.08	cps
Chromium	52-2	1227	1047	1167	1147	7.99	cps
Cobalt	59-2	67	73	53	64	15.80	cps
Copper	63-2	4778	4724	4834	4779	1.15	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	80	60	63	68	15.81	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	103	37	67	69	48.46	cps
Gadolinium	160-2	70	103	103	92	20.87	cps
Holmium	165-1	8346173	8212358	8374696	8311076	1.04	cps
Holmium	165-2	3519673	3584785	3629671	3578043	1.55	cps
Indium	115-1	6082273	6177836	6122254	6127454	0.78	cps
Indium	115-2	880647	876236	887909	881597	0.67	cps
Iron	54-2	867	930	903	900	3.53	cps
Iron	56-2	10531	10717	10074	10441	3.17	cps
Iron	57-2	300	297	323	307	4.74	cps
Krypton	83-1	187	253	213	218	15.41	cps
Lead	206-1	1290	1060	1183	1178	9.77	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1107	1147	1010	1088	6.46	cps
Lead	208-1	5090	4710	4790	4864	4.12	cps
Lithium	6-1	2631609	2579067	2534130	2581602	1.89	cps
Magnesium	24-2	323	350	343	339	4.10	cps
Manganese	55-2	1643	1437	1710	1597	8.93	cps
Molybdenum	94-1	197	173	170	180	8.07	cps
Molybdenum	95-1	73	90	103	89	16.92	cps
Molybdenum	96-1	133	153	213	167	24.98	cps
Molybdenum	97-1	70	47	47	54	24.74	cps
Molybdenum	98-1	120	123	143	129	9.79	cps
Neodymium	150-1	23	13	10	16	44.60	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	460	507	503	490	5.31	cps
Phosphorus	31-2	100	127	97	108	15.26	cps
Potassium	39-2	9326	9360	9396	9361	0.37	cps
Rhodium	103-1	5970158	5967656	6142611	6026808	1.66	cps
Rhodium	103-2	2723647	2695730	2707701	2709026	0.52	cps
Scandium	45-1	3943754	4083932	4040607	4022765	1.78	cps
Scandium	45-2	137178	136467	138564	137403	0.78	cps
Selenium	82-1	3	-67	-20	-28	-128.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	10	13	11	17.30	cps
Silicon	28-1	296108	303338	314943	304796	3.12	cps
Silver	107-1	147	107	80	111	30.20	cps
Silver	109-1	57	67	53	59	11.79	cps
Sodium	23-2	20548	20778	20571	20632	0.61	cps
Strontium	86-1	517	440	410	456	12.08	cps
Strontium	88-1	1013	973	1017	1001	2.41	cps
Sulfur	34-1	317190	316709	313805	315901	0.58	cps
Terbium	159-1	8722551	8443166	8397544	8521087	2.06	cps
Terbium	159-2	3425876	3422609	3401404	3416630	0.39	cps
Thallium	203-1	227	203	200	210	6.92	cps
Thallium	205-1	640	447	487	524	19.46	cps
Tin	118-1	1733	1713	1910	1786	6.06	cps
Titanium	47-1	223	297	300	273	15.85	cps
Uranium	238-1	30	27	20	26	19.92	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-29	Instrumnet Name :	P8
Client Sample ID :	MC0MA3	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:38:06	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	23	30	27	12.51	cps
Ytterbium	172-1	50	77	30	52	44.83	cps
Ytterbium	172-2	33	33	23	30	19.25	cps
Ytterbium	176-1	780	817	730	776	5.61	cps
Ytterbium	176-2	9880	9964	9897	9914	0.45	cps
Yttrium	89-1	10020920	10157118	10035640	10071226	0.74	cps
Yttrium	89-2	1071987	1069045	1078064	1073032	0.43	cps
Zinc	66-2	1760	1753	1703	1739	1.78	cps
Zirconium	90-1	427	427	427	427	0.00	cps
Zirconium	91-1	70	57	100	76	29.37	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	373	300	350	12.38	cps
Antimony	121-1	73	110	133	106	28.66	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	493	427	440	453	7.78	cps
Barium	137-1	833	693	800	776	9.43	cps
Beryllium	9-1	90	77	72	80	11.27	cps
Bismuth	209-1	5684843	5749516	5748754	5727704	0.65	cps
Bismuth	209-2	2711262	2674776	2632870	2672969	1.47	cps
Bromine	81-1	1840	1977	1900	1906	3.59	cps
Cadmium	108-1	10	10	17	12	31.50	cps
Cadmium	106-1	2350	2350	2360	2354	0.25	cps
Cadmium	111-1	1648	1655	1654	1652	0.22	cps
Calcium	43-1	690	640	643	658	4.25	cps
Calcium	44-1	32340	32721	33787	32949	2.28	cps
Carbon	12-1	2893655	3234480	3435357	3187831	8.59	cps
Carbon	12-2	46764	47757	48135	47552	1.49	cps
Chlorine	35-1	729437	755312	759184	747978	2.16	cps
Chlorine	35-2	5451	5448	5721	5540	2.83	cps
Chromium	52-2	1363	1490	1510	1455	5.47	cps
Cobalt	59-2	47	53	60	53	12.50	cps
Copper	63-2	1117	1070	1053	1080	3.04	cps
Dysprosium	156-1	7	17	10	11	45.82	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	37	53	93	61	47.65	cps
Erbium	164-2	13	50	27	30	61.87	cps
Gadolinium	160-1	53	57	63	58	8.81	cps
Gadolinium	160-2	103	127	147	126	17.28	cps
Holmium	165-1	8176930	8559826	8525849	8420868	2.52	cps
Holmium	165-2	3641197	3588313	3553605	3594372	1.23	cps
Indium	115-1	5987359	6305253	5951239	6081284	3.20	cps
Indium	115-2	890214	881700	873580	881831	0.94	cps
Iron	54-2	907	883	883	891	1.51	cps
Iron	56-2	11375	11255	11144	11258	1.02	cps
Iron	57-2	310	323	287	307	6.05	cps
Krypton	83-1	193	200	217	203	5.91	cps
Lead	206-1	1183	1120	1367	1223	10.47	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	923	1033	1083	1013	8.08	cps
Lead	208-1	4547	4567	4967	4694	5.05	cps
Lithium	6-1	2589782	2620540	2497863	2569395	2.48	cps
Magnesium	24-2	467	420	433	440	5.46	cps
Manganese	55-2	1107	1287	1040	1145	11.15	cps
Molybdenum	94-1	233	200	227	220	8.02	cps
Molybdenum	95-1	80	100	157	112	35.44	cps
Molybdenum	96-1	147	230	197	191	21.95	cps
Molybdenum	97-1	43	53	103	67	48.22	cps
Molybdenum	98-1	153	170	273	199	32.69	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	200	187	147	178	15.61	cps
Phosphorus	31-2	97	100	103	100	3.33	cps
Potassium	39-2	9810	10030	9633	9825	2.02	cps
Rhodium	103-1	5956081	6067064	5977492	6000212	0.98	cps
Rhodium	103-2	2712147	2667217	2702083	2693816	0.88	cps
Scandium	45-1	3983458	4029099	3973760	3995439	0.74	cps
Scandium	45-2	135735	136023	134954	135571	0.41	cps
Selenium	82-1	-20	-17	-17	-18	-10.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	13	10	13	25.01	cps
Silicon	28-1	302499	314040	333581	316707	4.96	cps
Silver	107-1	130	140	140	137	4.22	cps
Silver	109-1	60	73	113	82	33.76	cps
Sodium	23-2	20895	20935	20334	20721	1.62	cps
Strontium	86-1	527	590	413	510	17.55	cps
Strontium	88-1	1383	1207	1417	1336	8.45	cps
Sulfur	34-1	317738	321856	323964	321186	0.99	cps
Terbium	159-1	8249438	8437381	8250544	8312455	1.30	cps
Terbium	159-2	3510458	3458176	3482118	3483584	0.75	cps
Thallium	203-1	187	197	177	187	5.36	cps
Thallium	205-1	487	440	367	431	14.03	cps
Tin	118-1	1740	1873	1967	1860	6.13	cps
Titanium	47-1	383	387	427	399	6.05	cps
Uranium	238-1	40	33	113	62	71.35	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-30	Instrumnet Name :	P8
Client Sample ID :	MC0MA4	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:41:32	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	17	20	19	10.18	cps
Ytterbium	172-1	60	53	57	57	5.89	cps
Ytterbium	172-2	20	23	17	20	16.65	cps
Ytterbium	176-1	820	903	857	860	4.86	cps
Ytterbium	176-2	9934	10371	9734	10013	3.25	cps
Yttrium	89-1	9953010	10292592	10112514	10119372	1.68	cps
Yttrium	89-2	1087618	1079457	1066396	1077824	0.99	cps
Zinc	66-2	3360	3457	3267	3362	2.83	cps
Zirconium	90-1	357	460	430	416	12.79	cps
Zirconium	91-1	90	83	80	84	6.03	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2204025	2154083	2169995	2176035	1.17	cps
Antimony	121-1	2557464	2543141	2458163	2519589	2.13	cps
Arsenic	75-2	61785	61072	61433	61430	0.58	cps
Barium	135-1	3009978	3044630	2900624	2985077	2.52	cps
Barium	137-1	5059233	5156288	5106161	5107227	0.95	cps
Beryllium	9-1	701415	697661	700337	699804	0.28	cps
Bismuth	209-1	5391635	5352096	5389993	5377908	0.42	cps
Bismuth	209-2	2383262	2360706	2379835	2374601	0.51	cps
Bromine	81-1	1913	1847	1870	1877	1.80	cps
Cadmium	108-1	49820	49254	49211	49428	0.69	cps
Cadmium	106-1	69661	69360	68797	69273	0.63	cps
Cadmium	111-1	627682	629908	628390	628660	0.18	cps
Calcium	43-1	3804474	3799683	3859718	3821292	0.87	cps
Calcium	44-1	60833786	61602074	62313592	61583151	1.20	cps
Carbon	12-1	2523352	2599587	2665076	2596005	2.73	cps
Carbon	12-2	37090	38019	37588	37566	1.24	cps
Chlorine	35-1	517848	532332	531414	527198	1.54	cps
Chlorine	35-2	3941	3791	3791	3841	2.26	cps
Chromium	52-2	689443	690247	685734	688474	0.35	cps
Cobalt	59-2	1235935	1234089	1223168	1231064	0.56	cps
Copper	63-2	9478305	9413459	9412417	9434727	0.40	cps
Dysprosium	156-1	687	687	600	658	7.61	cps
Dysprosium	156-2	260	397	313	323	21.30	cps
Erbium	164-1	180	147	160	162	10.34	cps
Erbium	164-2	57	77	67	67	15.00	cps
Gadolinium	160-1	750	703	673	709	5.45	cps
Gadolinium	160-2	410	367	363	380	6.85	cps
Holmium	165-1	8391189	8289900	8326320	8335803	0.62	cps
Holmium	165-2	3401621	3372066	3320530	3364739	1.22	cps
Indium	115-1	5497609	5750888	5507725	5585407	2.57	cps
Indium	115-2	777646	784950	780480	781025	0.47	cps
Iron	54-2	7995576	7882218	7933073	7936956	0.72	cps
Iron	56-2	145098758	141459138	145398211	143985369	1.52	cps
Iron	57-2	3722258	3711412	3640186	3691285	1.21	cps
Krypton	83-1	177	163	160	167	5.29	cps
Lead	206-1	11895009	11537811	11683744	11705521	1.53	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10045883	10087295	10023689	10052289	0.32	cps
Lead	208-1	47044815	46784468	46844662	46891315	0.29	cps
Lithium	6-1	2291176	2282339	2210369	2261295	1.96	cps
Magnesium	24-2	29628595	29592212	29808319	29676375	0.39	cps
Manganese	55-2	3532508	3456437	3429452	3472799	1.54	cps
Molybdenum	94-1	8770979	8760206	8499959	8677048	1.77	cps
Molybdenum	95-1	12619046	12480866	12537352	12545755	0.55	cps
Molybdenum	96-1	14079244	13808782	13397676	13761901	2.49	cps
Molybdenum	97-1	7797037	7868318	7727446	7797601	0.90	cps
Molybdenum	98-1	20882668	20494004	20488610	20621761	1.10	cps
Neodymium	150-1	277	210	223	237	14.91	cps
Neodymium	150-2	57	50	47	51	9.96	cps
Nickel	60-2	333919	333825	331646	333130	0.39	cps
Phosphorus	31-2	19146	19186	19019	19117	0.46	cps
Potassium	39-2	9037065	8939172	9054269	9010169	0.69	cps
Rhodium	103-1	5409597	5276421	5296094	5327371	1.35	cps
Rhodium	103-2	2301864	2331408	2266823	2300032	1.41	cps
Scandium	45-1	3590556	3588732	3650120	3609803	0.97	cps
Scandium	45-2	121932	123684	122695	122770	0.72	cps
Selenium	82-1	41188	41826	41635	41550	0.79	cps
Selenium	77-2	1217	1287	1327	1277	4.36	cps
Selenium	78-2	4171	4144	4357	4224	2.75	cps
Silicon	28-1	2635231	2694994	2715131	2681785	1.55	cps
Silver	107-1	3204912	3206667	3210871	3207484	0.10	cps
Silver	109-1	3133747	3112533	3140666	3128982	0.47	cps
Sodium	23-2	53945889	52880164	52710593	53178882	1.26	cps
Strontium	86-1	18538969	18701243	18395346	18545186	0.83	cps
Strontium	88-1	160939131	161487244	161454508	161293628	0.19	cps
Sulfur	34-1	510581	504266	504421	506423	0.71	cps
Terbium	159-1	8313555	8025267	7957469	8098763	2.33	cps
Terbium	159-2	3284340	3212860	3221163	3239454	1.21	cps
Thallium	203-1	2990996	2867212	2880640	2912949	2.33	cps
Thallium	205-1	6971182	6788938	6812711	6857610	1.44	cps
Tin	118-1	2088711	2109303	2051386	2083133	1.41	cps
Titanium	47-1	3512804	3472599	3446285	3477230	0.96	cps
Uranium	238-1	10648588	10348374	10160553	10385839	2.37	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 13:50:59	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	533850	530484	531903	532079	0.32	cps
Ytterbium	172-1	140	103	87	110	24.80	cps
Ytterbium	172-2	43	37	80	53	43.75	cps
Ytterbium	176-1	13010	12726	13113	12950	1.55	cps
Ytterbium	176-2	13323	13791	14118	13744	2.90	cps
Yttrium	89-1	9595502	9319471	9298353	9404442	1.76	cps
Yttrium	89-2	973440	974271	975649	974454	0.11	cps
Zinc	66-2	1164996	1155205	1155068	1158423	0.49	cps
Zirconium	90-1	4218920	4167493	4193319	4193244	0.61	cps
Zirconium	91-1	952174	949205	940343	947241	0.65	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	143	103	111	26.21	cps
Antimony	121-1	293	337	493	374	28.10	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	140	107	80	109	27.61	cps
Barium	137-1	173	207	180	187	9.45	cps
Beryllium	9-1	101	112	99	104	7.03	cps
Bismuth	209-1	5732551	5761849	5810359	5768253	0.68	cps
Bismuth	209-2	2700556	2677461	2769174	2715730	1.76	cps
Bromine	81-1	1883	2004	1907	1931	3.29	cps
Cadmium	108-1	17	13	0	10	88.20	cps
Cadmium	106-1	1910	2134	2104	2049	5.92	cps
Cadmium	111-1	1372	1504	1489	1455	4.97	cps
Calcium	43-1	223	207	187	206	8.93	cps
Calcium	44-1	27450	27386	25954	26930	3.14	cps
Carbon	12-1	1914922	1892167	1891647	1899579	0.70	cps
Carbon	12-2	24704	24607	24788	24700	0.37	cps
Chlorine	35-1	162848	161547	157901	160765	1.60	cps
Chlorine	35-2	1087	1060	1173	1107	5.35	cps
Chromium	52-2	747	773	827	782	5.21	cps
Cobalt	59-2	33	57	47	46	25.70	cps
Copper	63-2	683	910	710	768	16.14	cps
Dysprosium	156-1	7	10	3	7	50.03	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	57	53	80	63	22.94	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	37	47	63	49	27.55	cps
Gadolinium	160-2	100	110	87	99	11.84	cps
Holmium	165-1	8231533	8565318	8266208	8354353	2.20	cps
Holmium	165-2	3585358	3628618	3493517	3569164	1.93	cps
Indium	115-1	5920958	6003759	5949395	5958037	0.71	cps
Indium	115-2	866810	869579	867606	867999	0.16	cps
Iron	54-2	243	423	363	343	26.70	cps
Iron	56-2	2307	4715	3814	3612	33.68	cps
Iron	57-2	110	170	113	131	25.72	cps
Krypton	83-1	187	193	197	192	2.65	cps
Lead	206-1	913	987	703	868	16.95	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	827	787	660	758	11.48	cps
Lead	208-1	3730	3677	2860	3422	14.25	cps
Lithium	6-1	2390597	2422846	2412486	2408643	0.68	cps
Magnesium	24-2	273	680	630	528	42.02	cps
Manganese	55-2	77	197	117	130	47.00	cps
Molybdenum	94-1	403	347	330	360	10.68	cps
Molybdenum	95-1	507	310	177	331	50.14	cps
Molybdenum	96-1	657	380	280	439	44.46	cps
Molybdenum	97-1	270	173	113	186	42.60	cps
Molybdenum	98-1	780	623	403	602	31.42	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	43	37	34	29.57	cps
Phosphorus	31-2	90	43	73	69	34.33	cps
Potassium	39-2	9810	9903	9803	9839	0.57	cps
Rhodium	103-1	5833472	5938789	5817831	5863364	1.12	cps
Rhodium	103-2	2643571	2661161	2683478	2662737	0.75	cps
Scandium	45-1	3784207	3872766	3906379	3854451	1.64	cps
Scandium	45-2	131526	131031	131082	131213	0.21	cps
Selenium	82-1	40	-40	-30	-10	-435.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	20	11	69.25	cps
Silicon	28-1	195118	193922	192797	193946	0.60	cps
Silver	107-1	1650	243	203	699	117.89	cps
Silver	109-1	1537	160	167	621	127.66	cps
Sodium	23-2	23753	25900	25272	24975	4.42	cps
Strontium	86-1	937	787	677	800	16.31	cps
Strontium	88-1	5738	5429	2861	4676	33.78	cps
Sulfur	34-1	299105	301726	308975	303268	1.69	cps
Terbium	159-1	8313591	8415314	8317943	8348949	0.69	cps
Terbium	159-2	3519874	3466296	3475822	3487331	0.82	cps
Thallium	203-1	357	297	247	300	18.36	cps
Thallium	205-1	677	633	567	626	8.86	cps
Tin	118-1	580	653	543	592	9.46	cps
Titanium	47-1	153	147	100	133	21.80	cps
Uranium	238-1	287	247	110	214	43.20	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:01:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	37	53	37	42	22.78	cps
Ytterbium	172-2	37	30	30	32	11.95	cps
Ytterbium	176-1	713	717	703	711	0.98	cps
Ytterbium	176-2	8900	9220	9814	9311	4.98	cps
Yttrium	89-1	9965592	9964540	9836138	9922090	0.75	cps
Yttrium	89-2	1047275	1050122	1058754	1052050	0.57	cps
Zinc	66-2	163	203	200	189	11.75	cps
Zirconium	90-1	507	467	503	492	4.51	cps
Zirconium	91-1	70	110	117	99	25.52	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3705890	3671685	3669210	3682262	0.56	cps
Antimony	121-1	6712	6852	6565	6709	2.14	cps
Arsenic	75-2	12709	12349	12562	12540	1.44	cps
Barium	135-1	1072083	1109930	1127009	1103007	2.55	cps
Barium	137-1	1918058	2007504	2033498	1986353	3.05	cps
Beryllium	9-1	11837	12219	12417	12158	2.43	cps
Bismuth	209-1	5715938	5957627	5882576	5852047	2.11	cps
Bismuth	209-2	2798632	2757387	2774233	2776751	0.75	cps
Bromine	81-1	9994	11795	12943	11577	12.84	cps
Cadmium	108-1	780	640	723	714	9.86	cps
Cadmium	106-1	3731	3611	3814	3718	2.75	cps
Cadmium	111-1	11212	11503	11854	11523	2.79	cps
Calcium	43-1	878608	910924	919816	903116	2.40	cps
Calcium	44-1	14520915	14823560	14868749	14737742	1.28	cps
Carbon	12-1	30512407	32691441	33359901	32187916	4.63	cps
Carbon	12-2	452469	444652	448652	448591	0.87	cps
Chlorine	35-1	925854	1090462	1186841	1067719	12.36	cps
Chlorine	35-2	9283	9950	10094	9776	4.42	cps
Chromium	52-2	225499	222081	222427	223336	0.84	cps
Cobalt	59-2	338516	338552	339388	338819	0.15	cps
Copper	63-2	685094	681133	677601	681276	0.55	cps
Dysprosium	156-1	166657	172069	174236	170987	2.28	cps
Dysprosium	156-2	74751	77021	77638	76470	1.99	cps
Erbium	164-1	155419	157737	160518	157891	1.62	cps
Erbium	164-2	64184	63739	63571	63831	0.50	cps
Gadolinium	160-1	172483	180584	182167	178411	2.91	cps
Gadolinium	160-2	84455	84361	85643	84820	0.84	cps
Holmium	165-1	8849717	8848780	8891499	8863332	0.28	cps
Holmium	165-2	3800109	3739448	3717005	3752187	1.15	cps
Indium	115-1	6148683	6211867	6276850	6212467	1.03	cps
Indium	115-2	892708	885090	888006	888601	0.43	cps
Iron	54-2	11460324	11698259	11617214	11591932	1.04	cps
Iron	56-2	206864370	209761544	211517737	209381217	1.12	cps
Iron	57-2	5279609	5237961	5248888	5255486	0.41	cps
Krypton	83-1	323	310	387	340	12.05	cps
Lead	206-1	2656726	2756113	2811413	2741417	2.86	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2209132	2303765	2234066	2248988	2.18	cps
Lead	208-1	10423334	10818523	10815201	10685686	2.13	cps
Lithium	6-1	2420144	2508902	2555988	2495011	2.76	cps
Magnesium	24-2	3053908	2999158	2952259	3001775	1.69	cps
Manganese	55-2	2512761	2598295	2656704	2589253	2.80	cps
Molybdenum	94-1	44193	47558	48454	46735	4.81	cps
Molybdenum	95-1	11468	12426	12409	12101	4.53	cps
Molybdenum	96-1	19711	20706	21009	20475	3.32	cps
Molybdenum	97-1	7465	7922	7792	7727	3.05	cps
Molybdenum	98-1	19344	20218	20115	19892	2.40	cps
Neodymium	150-1	237826	251229	252301	247119	3.26	cps
Neodymium	150-2	75079	75913	75434	75475	0.55	cps
Nickel	60-2	207921	208803	207559	208094	0.31	cps
Phosphorus	31-2	9807	9180	9316	9434	3.50	cps
Potassium	39-2	1470445	1455551	1426341	1450779	1.55	cps
Rhodium	103-1	5776816	5950798	5952327	5893314	1.71	cps
Rhodium	103-2	2783716	2715525	2701575	2733606	1.61	cps
Scandium	45-1	4195059	4321989	4295744	4270931	1.57	cps
Scandium	45-2	148310	149958	150249	149505	0.70	cps
Selenium	82-1	753	890	867	837	8.74	cps
Selenium	77-2	380	363	357	367	3.28	cps
Selenium	78-2	290	267	287	281	4.49	cps
Silicon	28-1	248802656	251697830	259320409	253273632	2.15	cps
Silver	107-1	9480	10267	10060	9936	4.11	cps
Silver	109-1	9023	9587	9967	9526	4.99	cps
Sodium	23-2	424535	419668	423350	422518	0.60	cps
Strontium	86-1	339997	359528	361610	353712	3.37	cps
Strontium	88-1	3058177	3167347	3189441	3138322	2.24	cps
Sulfur	34-1	1566922	1595405	1658795	1607041	2.93	cps
Terbium	159-1	8652650	8935680	8877311	8821880	1.69	cps
Terbium	159-2	3601117	3652687	3622595	3625466	0.71	cps
Thallium	203-1	27756	28338	28174	28089	1.07	cps
Thallium	205-1	64577	67555	68815	66982	3.25	cps
Tin	118-1	20152	20536	21030	20572	2.14	cps
Titanium	47-1	731873	756235	768299	752136	2.47	cps
Uranium	238-1	149131	154973	153342	152482	1.98	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17	Instrumnet Name :	P8
Client Sample ID :	MC0LK8	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:11:25	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	178051	181882	180402	180112	1.07	cps
Ytterbium	172-1	38616	40465	39596	39559	2.34	cps
Ytterbium	172-2	18900	18830	19184	18971	0.99	cps
Ytterbium	176-1	25137	25899	25451	25496	1.50	cps
Ytterbium	176-2	22162	22633	21771	22189	1.94	cps
Yttrium	89-1	11853299	12355854	12414241	12207798	2.53	cps
Yttrium	89-2	1314495	1305173	1310640	1310103	0.36	cps
Zinc	66-2	370228	372032	370853	371038	0.25	cps
Zirconium	90-1	102641	106662	112072	107125	4.42	cps
Zirconium	91-1	23467	24305	24822	24198	2.83	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	739574	733283	735879	736245	0.43	cps
Antimony	121-1	1420	1650	1657	1576	8.55	cps
Arsenic	75-2	2524	2640	2517	2560	2.71	cps
Barium	135-1	233111	224927	228492	228844	1.79	cps
Barium	137-1	402015	398866	395476	398786	0.82	cps
Beryllium	9-1	2569	2620	2672	2620	1.98	cps
Bismuth	209-1	5718968	5806684	5716838	5747497	0.89	cps
Bismuth	209-2	2743299	2756500	2705171	2734990	0.97	cps
Bromine	81-1	4454	4647	4527	4543	2.15	cps
Cadmium	108-1	160	170	207	179	13.74	cps
Cadmium	106-1	2560	2494	2417	2490	2.88	cps
Cadmium	111-1	3617	3687	3591	3631	1.37	cps
Calcium	43-1	186468	189336	187319	187708	0.78	cps
Calcium	44-1	3066377	3102060	3170380	3112939	1.70	cps
Carbon	12-1	7501908	7644598	7732511	7626339	1.53	cps
Carbon	12-2	99430	100709	99843	99994	0.65	cps
Chlorine	35-1	425485	439367	445318	436723	2.33	cps
Chlorine	35-2	3244	3067	3314	3208	3.96	cps
Chromium	52-2	45495	45786	45616	45633	0.32	cps
Cobalt	59-2	70024	68775	68722	69174	1.07	cps
Copper	63-2	140720	140514	142039	141091	0.59	cps
Dysprosium	156-1	34966	34267	34916	34716	1.12	cps
Dysprosium	156-2	15392	14995	15289	15225	1.35	cps
Erbium	164-1	31287	32082	32302	31890	1.68	cps
Erbium	164-2	12716	12906	12866	12830	0.78	cps
Gadolinium	160-1	36440	36216	36584	36413	0.51	cps
Gadolinium	160-2	17395	16747	17094	17079	1.90	cps
Holmium	165-1	8624163	8664403	8440116	8576227	1.39	cps
Holmium	165-2	3659706	3591139	3653148	3634665	1.04	cps
Indium	115-1	6263767	6005029	6338371	6202389	2.82	cps
Indium	115-2	873663	880268	866810	873580	0.77	cps
Iron	54-2	2339160	2363201	2353693	2352018	0.51	cps
Iron	56-2	42756074	42549444	42405373	42570297	0.41	cps
Iron	57-2	1062197	1061740	1066034	1063324	0.22	cps
Krypton	83-1	240	227	203	223	8.31	cps
Lead	206-1	537303	542612	551862	543926	1.35	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	447507	447488	453480	449492	0.77	cps
Lead	208-1	2096682	2111411	2121693	2109929	0.60	cps
Lithium	6-1	2525971	2557219	2489391	2524194	1.34	cps
Magnesium	24-2	608537	606516	601699	605584	0.58	cps
Manganese	55-2	516655	513655	512525	514278	0.41	cps
Molybdenum	94-1	9377	10561	10434	10124	6.42	cps
Molybdenum	95-1	2764	3871	3510	3382	16.70	cps
Molybdenum	96-1	4227	5384	5211	4941	12.63	cps
Molybdenum	97-1	1723	2257	2190	2057	14.13	cps
Molybdenum	98-1	4477	6001	5638	5372	14.82	cps
Neodymium	150-1	50194	50378	49999	50190	0.38	cps
Neodymium	150-2	15115	15396	15336	15282	0.97	cps
Nickel	60-2	42309	41942	41434	41895	1.05	cps
Phosphorus	31-2	2074	1950	2014	2012	3.07	cps
Potassium	39-2	292288	292542	293342	292724	0.19	cps
Rhodium	103-1	6175735	6012563	5921080	6036459	2.14	cps
Rhodium	103-2	2714457	2722194	2679575	2705409	0.84	cps
Scandium	45-1	4149025	4062614	4185123	4132254	1.52	cps
Scandium	45-2	135606	138951	138619	137725	1.34	cps
Selenium	82-1	180	193	227	200	12.02	cps
Selenium	77-2	57	70	53	60	14.70	cps
Selenium	78-2	53	77	70	67	18.03	cps
Silicon	28-1	53633469	52976546	53224726	53278247	0.62	cps
Silver	107-1	2124	2067	2124	2105	1.55	cps
Silver	109-1	2034	2230	2050	2105	5.18	cps
Sodium	23-2	101960	102228	100302	101496	1.03	cps
Strontium	86-1	73006	73579	74698	73761	1.17	cps
Strontium	88-1	645416	649307	646354	647026	0.31	cps
Sulfur	34-1	581922	579534	580971	580809	0.21	cps
Terbium	159-1	8712070	8540591	8433846	8562169	1.64	cps
Terbium	159-2	3513907	3393120	3482063	3463030	1.81	cps
Thallium	203-1	5811	5931	6572	6105	6.70	cps
Thallium	205-1	14555	15059	14942	14852	1.78	cps
Tin	118-1	4587	4641	4621	4616	0.58	cps
Titanium	47-1	156295	152477	155917	154896	1.36	cps
Uranium	238-1	31182	31539	31065	31262	0.79	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-17DL2X5	Instrumnet Name :	P8
Client Sample ID :	MC0LK8DL2	Dilution Factor :	5
Date & Time Acquired :	2024-01-05 14:14:58	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	35651	35437	35918	35669	0.68	cps
Ytterbium	172-1	7882	7979	7969	7944	0.67	cps
Ytterbium	172-2	3881	3667	3961	3836	3.95	cps
Ytterbium	176-1	5708	5961	5685	5785	2.65	cps
Ytterbium	176-2	12196	12142	12389	12242	1.06	cps
Yttrium	89-1	10620628	10661203	10822054	10701295	1.00	cps
Yttrium	89-2	1117778	1110636	1105272	1111229	0.56	cps
Zinc	66-2	76569	77028	76163	76587	0.56	cps
Zirconium	90-1	21784	22578	22855	22406	2.48	cps
Zirconium	91-1	4894	5041	4921	4952	1.58	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793	903	690	796	13.41	cps
Antimony	121-1	197	213	220	210	5.72	cps
Arsenic	75-2	13	7	0	7	99.98	cps
Barium	135-1	807	873	890	857	5.15	cps
Barium	137-1	1237	1563	1193	1331	15.20	cps
Beryllium	9-1	62	84	59	68	19.73	cps
Bismuth	209-1	5577641	5615323	5682224	5625063	0.94	cps
Bismuth	209-2	2669257	2768031	2731283	2722857	1.83	cps
Bromine	81-1	1930	1984	1967	1960	1.39	cps
Cadmium	108-1	3	23	13	13	75.02	cps
Cadmium	106-1	2117	2300	2040	2152	6.21	cps
Cadmium	111-1	1496	1634	1442	1524	6.49	cps
Calcium	43-1	873	807	813	831	4.42	cps
Calcium	44-1	38368	38859	39076	38768	0.94	cps
Carbon	12-1	2615569	3088611	3293205	2999128	11.59	cps
Carbon	12-2	45386	46229	47821	46479	2.66	cps
Chlorine	35-1	524658	565149	590908	560239	5.96	cps
Chlorine	35-2	4457	4571	4611	4546	1.75	cps
Chromium	52-2	1200	1117	1217	1178	4.55	cps
Cobalt	59-2	80	90	87	86	5.95	cps
Copper	63-2	1970	2104	2054	2042	3.30	cps
Dysprosium	156-1	27	50	47	41	30.69	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	113	93	87	98	14.20	cps
Erbium	164-2	30	30	47	36	27.07	cps
Gadolinium	160-1	97	90	93	93	3.57	cps
Gadolinium	160-2	130	140	147	139	6.04	cps
Holmium	165-1	8293463	8298881	8338111	8310152	0.29	cps
Holmium	165-2	3596588	3520633	3613176	3576799	1.38	cps
Indium	115-1	5931564	6161356	6035951	6042957	1.90	cps
Indium	115-2	876704	881633	887688	882008	0.62	cps
Iron	54-2	2900	2794	2324	2673	11.48	cps
Iron	56-2	48026	44884	41290	44733	7.53	cps
Iron	57-2	1347	1130	1070	1182	12.31	cps
Krypton	83-1	190	177	213	193	9.60	cps
Lead	206-1	4638	4534	4538	4570	1.29	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3701	3801	3794	3765	1.49	cps
Lead	208-1	17768	17515	17531	17605	0.81	cps
Lithium	6-1	2381186	2370095	2363824	2371702	0.37	cps
Magnesium	24-2	1103	927	813	948	15.42	cps
Manganese	55-2	1140	1097	1107	1114	2.04	cps
Molybdenum	94-1	370	397	343	370	7.21	cps
Molybdenum	95-1	247	293	260	267	9.01	cps
Molybdenum	96-1	360	337	340	346	3.65	cps
Molybdenum	97-1	187	187	160	178	8.66	cps
Molybdenum	98-1	457	470	440	456	3.30	cps
Neodymium	150-1	57	50	90	66	32.69	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	250	260	207	239	11.87	cps
Phosphorus	31-2	80	107	77	88	18.73	cps
Potassium	39-2	9897	9627	9847	9790	1.47	cps
Rhodium	103-1	6013380	5910201	5957767	5960449	0.87	cps
Rhodium	103-2	2644534	2695870	2716103	2685502	1.37	cps
Scandium	45-1	3829988	3819476	3870787	3840084	0.71	cps
Scandium	45-2	132700	135610	136989	135100	1.62	cps
Selenium	82-1	10	7	-20	-1	-1481.42	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	17	20	10	16	32.73	cps
Silicon	28-1	454687	474391	465329	464802	2.12	cps
Silver	107-1	150	110	163	141	19.67	cps
Silver	109-1	127	67	93	96	31.46	cps
Sodium	23-2	23225	23820	23249	23431	1.44	cps
Strontium	86-1	790	770	730	763	4.00	cps
Strontium	88-1	4924	4848	4287	4686	7.42	cps
Sulfur	34-1	214083	213812	212320	213405	0.44	cps
Terbium	159-1	8174823	8159719	8147479	8160674	0.17	cps
Terbium	159-2	3464617	3342425	3398156	3401733	1.80	cps
Thallium	203-1	233	213	153	200	20.82	cps
Thallium	205-1	560	483	463	502	10.16	cps
Tin	118-1	1870	1974	2020	1955	3.93	cps
Titanium	47-1	597	690	620	636	7.64	cps
Uranium	238-1	220	187	147	184	19.91	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-31	Instrumnet Name :	P8
Client Sample ID :	MC0MA5	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:18:21	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	60	73	66	10.58	cps
Ytterbium	172-1	80	73	60	71	14.32	cps
Ytterbium	172-2	30	13	37	27	45.08	cps
Ytterbium	176-1	717	743	650	703	6.84	cps
Ytterbium	176-2	9507	9750	9877	9711	1.94	cps
Yttrium	89-1	9741962	10092218	9946464	9926882	1.77	cps
Yttrium	89-2	1070576	1057890	1076279	1068248	0.88	cps
Zinc	66-2	1077	1053	1100	1077	2.17	cps
Zirconium	90-1	687	653	737	692	6.06	cps
Zirconium	91-1	113	177	97	129	32.75	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457	450	343	417	15.26	cps
Antimony	121-1	83	113	100	99	15.20	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	303	277	357	312	13.05	cps
Barium	137-1	367	330	403	367	10.00	cps
Beryllium	9-1	66	60	67	65	6.22	cps
Bismuth	209-1	5646067	5703450	5644015	5664510	0.60	cps
Bismuth	209-2	2773984	2658317	2709616	2713972	2.14	cps
Bromine	81-1	1727	1850	1963	1847	6.41	cps
Cadmium	108-1	3	10	13	9	57.30	cps
Cadmium	106-1	2014	1980	2007	2000	0.88	cps
Cadmium	111-1	1437	1409	1422	1423	0.98	cps
Calcium	43-1	470	443	497	470	5.67	cps
Calcium	44-1	33249	33483	33135	33289	0.53	cps
Carbon	12-1	2929286	3405260	3548784	3294444	9.84	cps
Carbon	12-2	48724	49607	49537	49289	1.00	cps
Chlorine	35-1	665899	727536	769164	720866	7.21	cps
Chlorine	35-2	5741	6141	6055	5979	3.52	cps
Chromium	52-2	1173	1200	1207	1193	1.48	cps
Cobalt	59-2	60	93	63	72	25.42	cps
Copper	63-2	1433	1533	1423	1463	4.16	cps
Dysprosium	156-1	20	17	10	16	32.73	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	63	73	60	66	10.58	cps
Erbium	164-2	20	43	30	31	37.62	cps
Gadolinium	160-1	50	83	80	71	25.82	cps
Gadolinium	160-2	140	100	120	120	16.67	cps
Holmium	165-1	8266024	8309551	8413246	8329607	0.91	cps
Holmium	165-2	3483210	3543926	3535152	3520762	0.93	cps
Indium	115-1	5909808	6046760	6092366	6016311	1.58	cps
Indium	115-2	881325	881779	884595	882566	0.20	cps
Iron	54-2	1177	1237	1233	1216	2.77	cps
Iron	56-2	18005	17624	17895	17841	1.10	cps
Iron	57-2	603	543	517	554	8.01	cps
Krypton	83-1	203	140	167	170	18.71	cps
Lead	206-1	1690	1490	1620	1600	6.34	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1333	1357	1417	1369	3.14	cps
Lead	208-1	6317	6174	6697	6396	4.23	cps
Lithium	6-1	2257654	2437391	2380080	2358375	3.89	cps
Magnesium	24-2	547	550	603	567	5.61	cps
Manganese	55-2	2784	2597	2600	2660	4.02	cps
Molybdenum	94-1	227	210	150	196	20.62	cps
Molybdenum	95-1	93	100	93	96	4.03	cps
Molybdenum	96-1	140	167	140	149	10.34	cps
Molybdenum	97-1	43	37	103	61	60.08	cps
Molybdenum	98-1	113	133	113	120	9.62	cps
Neodymium	150-1	23	3	13	13	75.02	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	11508	11305	11832	11548	2.30	cps
Phosphorus	31-2	83	103	90	92	11.04	cps
Potassium	39-2	10267	10327	9860	10151	2.50	cps
Rhodium	103-1	5996018	5983575	5977649	5985747	0.16	cps
Rhodium	103-2	2698267	2700035	2721231	2706511	0.47	cps
Scandium	45-1	3805105	3904779	3878450	3862778	1.34	cps
Scandium	45-2	136868	135297	134560	135575	0.87	cps
Selenium	82-1	-40	90	30	27	243.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	10	6	69.34	cps
Silicon	28-1	277048	290354	293672	287025	3.07	cps
Silver	107-1	63	40	67	57	25.64	cps
Silver	109-1	63	30	60	51	35.92	cps
Sodium	23-2	24945	24631	24681	24752	0.68	cps
Strontium	86-1	500	490	463	484	3.91	cps
Strontium	88-1	1607	1500	1557	1555	3.43	cps
Sulfur	34-1	213872	220962	219511	218115	1.72	cps
Terbium	159-1	8345831	8382059	8376257	8368049	0.23	cps
Terbium	159-2	3379159	3463796	3492976	3445310	1.72	cps
Thallium	203-1	180	103	117	133	30.72	cps
Thallium	205-1	357	343	223	308	23.86	cps
Tin	118-1	1490	1587	1703	1593	6.70	cps
Titanium	47-1	377	253	373	334	21.01	cps
Uranium	238-1	50	40	33	41	20.41	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	O5985-32	Instrumnet Name :	P8
Client Sample ID :	MC0MA6	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:21:45	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	37	47	38	22.21	cps
Ytterbium	172-1	63	70	50	61	16.66	cps
Ytterbium	172-2	33	33	13	27	43.31	cps
Ytterbium	176-1	743	817	700	753	7.83	cps
Ytterbium	176-2	9570	9997	9784	9784	2.18	cps
Yttrium	89-1	10043255	10436948	10006776	10162326	2.35	cps
Yttrium	89-2	1054202	1081697	1070218	1068706	1.29	cps
Zinc	66-2	1663	1703	1753	1707	2.64	cps
Zirconium	90-1	400	497	457	451	10.77	cps
Zirconium	91-1	117	117	113	116	1.66	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2280653	2251465	2226690	2252936	1.20	cps
Antimony	121-1	2626110	2565798	2574025	2588644	1.26	cps
Arsenic	75-2	63492	63435	62619	63182	0.77	cps
Barium	135-1	3024499	3089161	3046047	3053235	1.08	cps
Barium	137-1	5351659	5266416	5223679	5280585	1.23	cps
Beryllium	9-1	723545	710752	709821	714706	1.07	cps
Bismuth	209-1	5355849	5463716	5380827	5400130	1.05	cps
Bismuth	209-2	2488934	2465461	2452727	2469041	0.74	cps
Bromine	81-1	1887	2074	1937	1966	4.92	cps
Cadmium	108-1	51974	51088	51482	51515	0.86	cps
Cadmium	106-1	71069	71491	71333	71298	0.30	cps
Cadmium	111-1	650587	645736	647251	647858	0.38	cps
Calcium	43-1	3992041	3923218	3820104	3911788	2.21	cps
Calcium	44-1	64436002	63646374	63406381	63829586	0.84	cps
Carbon	12-1	2831429	2845263	2840274	2838989	0.25	cps
Carbon	12-2	39617	39760	39079	39485	0.91	cps
Chlorine	35-1	533173	523044	515653	523957	1.68	cps
Chlorine	35-2	3744	3564	3697	3668	2.55	cps
Chromium	52-2	708600	718060	707094	711251	0.84	cps
Cobalt	59-2	1278729	1292970	1269031	1280243	0.94	cps
Copper	63-2	9761301	9727818	9538112	9675743	1.24	cps
Dysprosium	156-1	617	637	673	642	4.48	cps
Dysprosium	156-2	300	313	303	306	2.27	cps
Erbium	164-1	177	167	187	177	5.66	cps
Erbium	164-2	73	43	67	61	25.78	cps
Gadolinium	160-1	747	707	713	722	2.97	cps
Gadolinium	160-2	430	417	493	447	9.17	cps
Holmium	165-1	8385146	8768704	8398627	8517492	2.56	cps
Holmium	165-2	3508479	3548858	3515073	3524137	0.61	cps
Indium	115-1	5812763	5790998	5745819	5783193	0.59	cps
Indium	115-2	817387	811975	814306	814556	0.33	cps
Iron	54-2	8217267	8165002	8306045	8229438	0.87	cps
Iron	56-2	151750921	148366384	151585751	150567686	1.27	cps
Iron	57-2	3788398	3763213	3729274	3760295	0.79	cps
Krypton	83-1	203	227	157	196	18.23	cps
Lead	206-1	12340204	11996049	11978835	12105029	1.68	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10380821	10201944	10417779	10333515	1.12	cps
Lead	208-1	48089574	47536803	48413979	48013452	0.92	cps
Lithium	6-1	2255525	2331710	2333818	2307018	1.93	cps
Magnesium	24-2	31193765	30783009	31043574	31006782	0.67	cps
Manganese	55-2	3630950	3560724	3634441	3608705	1.15	cps
Molybdenum	94-1	9349816	8861804	9112426	9108015	2.68	cps
Molybdenum	95-1	13274317	13109571	12892756	13092215	1.46	cps
Molybdenum	96-1	14418580	14782673	14119397	14440217	2.30	cps
Molybdenum	97-1	8205027	8025166	8122906	8117700	1.11	cps
Molybdenum	98-1	21059716	21193811	21254081	21169202	0.47	cps
Neodymium	150-1	263	317	290	290	9.19	cps
Neodymium	150-2	40	23	33	32	26.04	cps
Nickel	60-2	344304	344586	341123	343338	0.56	cps
Phosphorus	31-2	20358	19904	19553	19938	2.02	cps
Potassium	39-2	9211729	9449043	9191125	9283966	1.54	cps
Rhodium	103-1	5605772	5416027	5447153	5489650	1.85	cps
Rhodium	103-2	2368112	2474757	2371630	2404833	2.52	cps
Scandium	45-1	3803252	3734314	3699073	3745546	1.41	cps
Scandium	45-2	128959	128917	128311	128729	0.28	cps
Selenium	82-1	43879	42913	42451	43081	1.69	cps
Selenium	77-2	1333	1250	1310	1298	3.31	cps
Selenium	78-2	4237	4297	4267	4267	0.70	cps
Silicon	28-1	2782144	2742194	2695805	2740048	1.58	cps
Silver	107-1	3406244	3425564	3411417	3414408	0.29	cps
Silver	109-1	3266999	3233786	3212172	3237653	0.85	cps
Sodium	23-2	56155931	55579489	54666944	55467455	1.35	cps
Strontium	86-1	19026970	19504159	19177153	19236094	1.27	cps
Strontium	88-1	173088791	170528671	165988838	169868766	2.12	cps
Sulfur	34-1	519194	507625	510731	512517	1.17	cps
Terbium	159-1	8456185	8504743	8199628	8386852	1.95	cps
Terbium	159-2	3377170	3281566	3408339	3355692	1.97	cps
Thallium	203-1	2950204	2944849	2937968	2944340	0.21	cps
Thallium	205-1	7028726	7084092	7087321	7066713	0.47	cps
Tin	118-1	2084589	2091374	2059093	2078352	0.82	cps
Titanium	47-1	3658239	3609645	3636531	3634805	0.67	cps
Uranium	238-1	10232449	10548409	10588717	10456525	1.87	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:25:11	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	551757	551242	553080	552026	0.17	cps
Ytterbium	172-1	157	123	133	138	12.41	cps
Ytterbium	172-2	70	67	67	68	2.84	cps
Ytterbium	176-1	13384	13070	13240	13231	1.19	cps
Ytterbium	176-2	14832	14615	14445	14630	1.33	cps
Yttrium	89-1	9893686	9836352	9634761	9788266	1.39	cps
Yttrium	89-2	1016356	1014651	1012715	1014574	0.18	cps
Zinc	66-2	1205271	1215921	1188199	1203130	1.16	cps
Zirconium	90-1	4420176	4415062	4387611	4407616	0.40	cps
Zirconium	91-1	1002361	992768	982243	992458	1.01	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	137	137	138	1.40	cps
Antimony	121-1	380	473	667	507	28.86	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	207	167	163	179	13.48	cps
Barium	137-1	210	233	243	229	7.47	cps
Beryllium	9-1	112	101	94	102	9.21	cps
Bismuth	209-1	5734858	5674504	5972852	5794071	2.72	cps
Bismuth	209-2	2828821	2786658	2797243	2804241	0.78	cps
Bromine	81-1	1857	1953	1853	1888	3.01	cps
Cadmium	108-1	7	23	7	12	78.69	cps
Cadmium	106-1	2074	2064	2080	2072	0.40	cps
Cadmium	111-1	1500	1461	1495	1485	1.41	cps
Calcium	43-1	270	270	267	269	0.72	cps
Calcium	44-1	29190	28235	29224	28883	1.94	cps
Carbon	12-1	1877978	1870338	1874971	1874429	0.21	cps
Carbon	12-2	24307	24450	24300	24352	0.35	cps
Chlorine	35-1	156045	153781	152949	154258	1.04	cps
Chlorine	35-2	1073	1137	1040	1083	4.53	cps
Chromium	52-2	813	797	847	819	3.11	cps
Cobalt	59-2	40	37	50	42	16.43	cps
Copper	63-2	933	813	787	844	9.25	cps
Dysprosium	156-1	0	10	7	6	91.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	83	57	83	74	20.68	cps
Erbium	164-2	33	30	30	31	6.18	cps
Gadolinium	160-1	53	37	67	52	28.78	cps
Gadolinium	160-2	110	127	77	104	24.37	cps
Holmium	165-1	8296071	8387497	8302793	8328787	0.61	cps
Holmium	165-2	3635360	3639129	3658154	3644214	0.34	cps
Indium	115-1	6026122	6009528	6139437	6058362	1.17	cps
Indium	115-2	905957	901118	895193	900756	0.60	cps
Iron	54-2	463	440	453	452	2.59	cps
Iron	56-2	4504	4474	4281	4420	2.74	cps
Iron	57-2	197	197	157	183	12.60	cps
Krypton	83-1	207	200	237	214	9.11	cps
Lead	206-1	1013	940	993	982	3.86	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	837	723	853	804	8.79	cps
Lead	208-1	4184	3610	3784	3859	7.62	cps
Lithium	6-1	2358806	2317510	2386204	2354173	1.47	cps
Magnesium	24-2	707	580	643	643	9.84	cps
Manganese	55-2	127	113	140	127	10.52	cps
Molybdenum	94-1	457	517	563	512	10.44	cps
Molybdenum	95-1	450	557	563	523	12.15	cps
Molybdenum	96-1	563	680	637	627	9.41	cps
Molybdenum	97-1	287	350	297	311	10.94	cps
Molybdenum	98-1	807	727	903	812	10.89	cps
Neodymium	150-1	10	20	10	13	43.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	50	37	49	23.94	cps
Phosphorus	31-2	60	97	67	74	26.24	cps
Potassium	39-2	10264	10117	10157	10179	0.75	cps
Rhodium	103-1	5930742	6078638	5769013	5926131	2.61	cps
Rhodium	103-2	2784416	2716628	2722474	2741173	1.37	cps
Scandium	45-1	3930954	3862956	3864500	3886137	1.00	cps
Scandium	45-2	136596	135650	135630	135959	0.41	cps
Selenium	82-1	-57	-7	-73	-46	-76.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	7	13	17	72.11	cps
Silicon	28-1	189647	189640	187787	189025	0.57	cps
Silver	107-1	207	340	210	252	30.15	cps
Silver	109-1	170	273	137	193	36.86	cps
Sodium	23-2	29877	28912	29253	29347	1.67	cps
Strontium	86-1	1063	890	1020	991	9.10	cps
Strontium	88-1	6115	5332	7093	6180	14.27	cps
Sulfur	34-1	282091	279682	283196	281657	0.64	cps
Terbium	159-1	8378233	8422150	8457998	8419460	0.47	cps
Terbium	159-2	3507228	3425109	3559273	3497203	1.93	cps
Thallium	203-1	320	247	270	279	13.43	cps
Thallium	205-1	737	683	730	717	4.06	cps
Tin	118-1	650	583	590	608	6.04	cps
Titanium	47-1	193	130	227	183	26.78	cps
Uranium	238-1	330	283	390	334	15.99	cps

LB Number :	LB129054	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired :	2024-01-05 14:31:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	20	17	16	32.73	cps
Ytterbium	172-1	63	57	40	53	22.53	cps
Ytterbium	172-2	17	13	33	21	50.75	cps
Ytterbium	176-1	670	617	700	662	6.37	cps
Ytterbium	176-2	9090	9650	9503	9415	3.09	cps
Yttrium	89-1	9910166	9830480	9900199	9880282	0.44	cps
Yttrium	89-2	1097673	1085002	1090459	1091045	0.58	cps
Zinc	66-2	320	363	307	330	8.98	cps
Zirconium	90-1	440	443	587	490	17.09	cps
Zirconium	91-1	80	163	133	126	33.62	cps