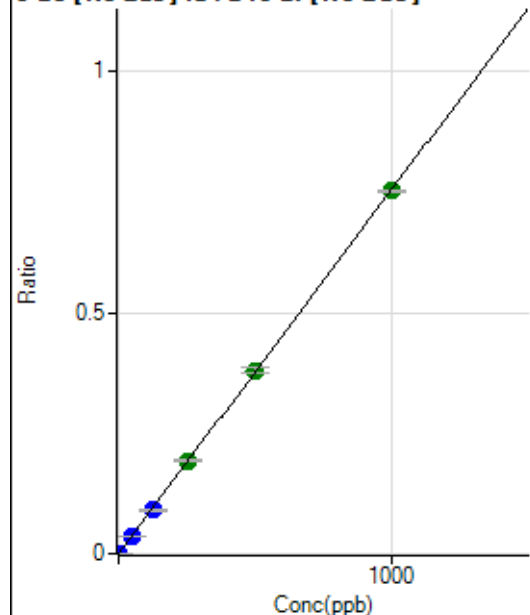


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020725MS-2.b\
 Analysis File: P8020725MS-2.batch.bin
 DA Date-Time: 2025-02-07 17:48:59
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-07 14:22:54
2	005CALS.d	S02	2025-02-07 14:26:13
3	006CALB.d	S03	2025-02-07 14:29:34
4	007CALS.d	S04	2025-02-07 14:32:34
5	008CALS.d	S05	2025-02-07 14:35:31
6	009CALS.d	S06	2025-02-07 14:38:17
7	010CALS.d	S07	2025-02-07 14:41:05
8	011CALS.d	S08	2025-02-07 14:43:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.78	0.0001	P	9.2
2	☐	1.000	1.045	7250.89	0.0009	P	1.0
3	☐	50.000	49.251	311125.00	0.0372	P	1.8
4	☐	125.000	120.601	752949.91	0.0910	P	3.6
5	☐	250.000	255.226	1545962.43	0.1925	A	2.1
6	☐	500.000	504.212	2975227.55	0.3803	A	2.3
7	☐	1000.000	997.175	5659536.47	0.7520	A	0.7
8	☐			2004.89	0.0003	P	11.3

$$y = 7.5411\text{E-}004 * x + 6.3366\text{E-}005$$

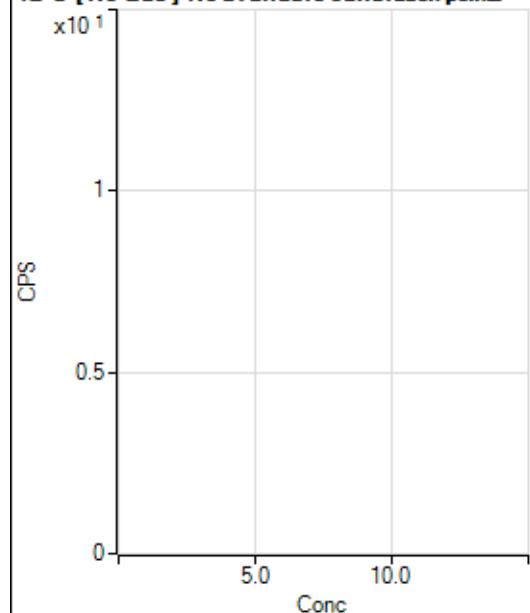
$$R = 1.0000$$

$$DL = 0.0232$$

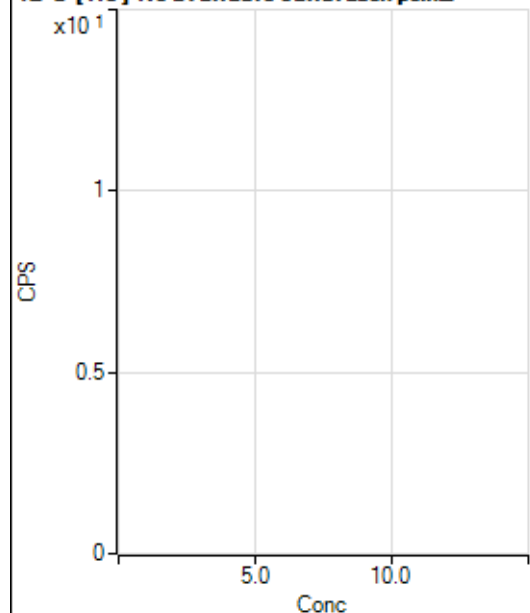
$$BEC = 0.08403$$

Weight: <None>

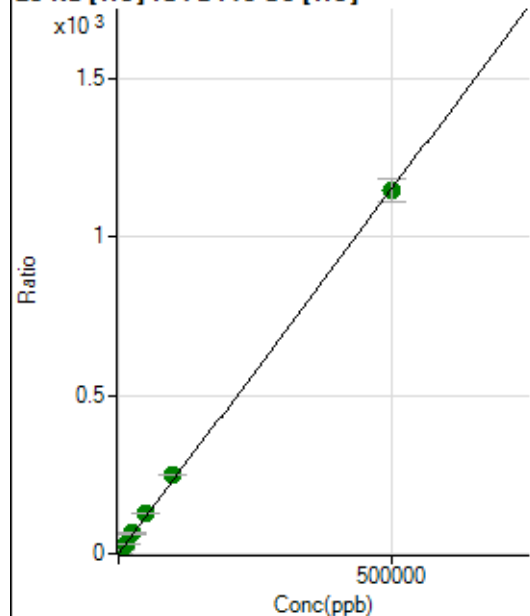
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3596589.74		A	2.4
2	☐			3850087.82		A	1.9
3	☐			4285188.65		A	1.1
4	☐			4346721.36		A	0.5
5	☐			4459355.07		A	1.1
6	☐			4835497.29		A	2.0
7	☐			6019080.67		A	3.6
8	☐			4437013.30		A	0.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23881.67		P	1.7
2	☐			25693.61		P	1.2
3	☐			28561.09		P	1.5
4	☐			29485.15		P	0.9
5	☐			31007.15		P	0.4
6	☐			35131.86		P	0.7
7	☐			45250.51		P	0.5
8	☐			43141.92		P	0.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81125.92	0.3285	P	0.8
2	☐	500.000	557.166	401577.05	1.6090	P	1.3
3	☐	5000.000	5603.155	3197966.34	13.2062	A	0.1
4	☐	12500.000	13759.943	7688240.58	31.9530	A	1.0
5	☐	25000.000	27738.139	14901930.19	64.0791	A	1.6
6	☐	50000.000	55260.835	29207350.68	127.3345	A	1.3
7	☐	100000.00	108244.54	57102920.82	249.1070	A	0.5
8	☐	500000.00	497650.51	255946456.1	1,144.079	A	6.3

$$y = 0.0023 * x + 0.3285$$

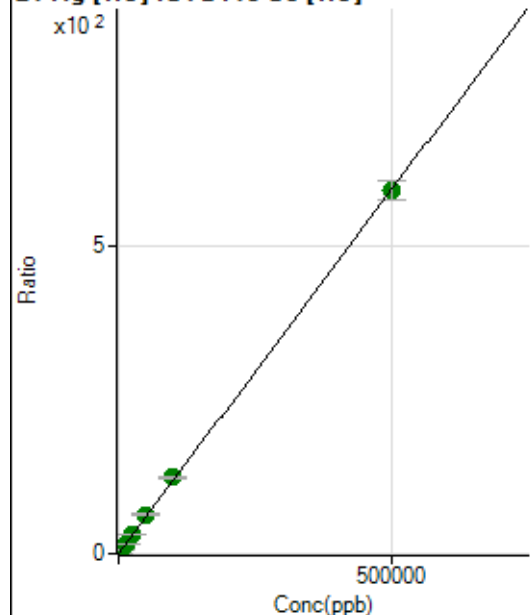
$$R = 0.9998$$

$$DL = 3.434$$

$$BEC = 142.9$$

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	3729.41	0.0151	P	4.9
2	☐	500.000	549.063	166006.37	0.6651	P	1.5
3	☐	5000.000	5544.530	1593213.12	6.5794	A	0.4
4	☐	12500.000	13560.311	3866293.20	16.0694	A	2.1
5	☐	25000.000	27330.423	7528289.05	32.3721	A	1.7
6	☐	50000.000	54065.720	14685884.78	64.0244	A	0.6
7	☐	100000.00	105020.89	28504834.30	124.3512	A	1.5
8	☐	500000.00	498440.72	132060931.3	590.1277	A	5.4

$$y = 0.0012 * x + 0.0151$$

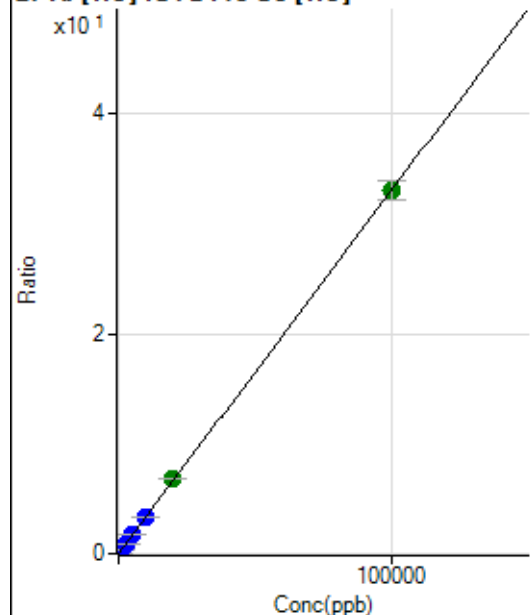
$$R = 0.9999$$

$$DL = 1.879$$

$$BEC = 12.75$$

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	136.67	0.0006	P	15.3
2	☐	20.000	20.242	1806.80	0.0072	P	3.6
3	☐	1000.000	1023.289	81985.98	0.3386	P	0.3
4	☐	2500.000	2527.332	200990.57	0.8354	P	1.1
5	☐	5000.000	5079.288	390306.97	1.6783	P	1.0
6	☐	10000.000	10027.869	759935.87	3.3129	P	0.5
7	☐	20000.000	20731.748	1569931.14	6.8486	A	0.6
8	☐	100000.00	99845.983	7381081.21	32.9814	A	5.3

$$y = 3.3032E-004 * x + 5.5341E-004$$

$$R = 1.0000$$

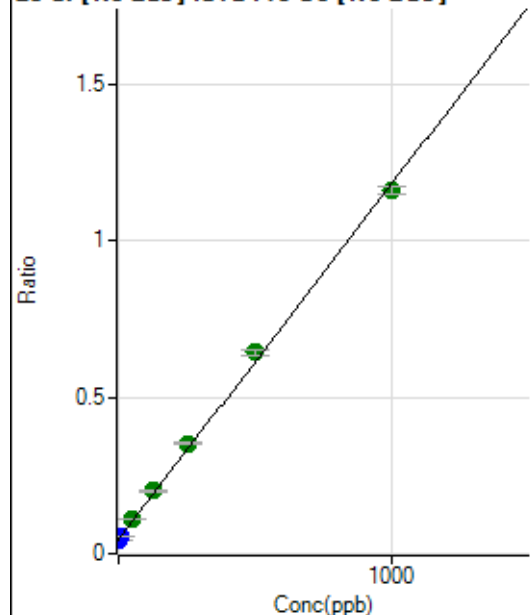
$$DL = 0.7677$$

$$BEC = 1.675$$

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	581635.19	0.0458	P	0.3
2	☐	10.000	6.945	676125.23	0.0537	P	1.1
3	☐	50.000	56.250	1389529.13	0.1096	A	2.5
4	☐	125.000	135.745	2478952.03	0.1998	A	2.6
5	☐	250.000	269.854	4276804.31	0.3520	A	0.9
6	☐	500.000	525.402	7667181.41	0.6419	A	2.2
7	☐	1000.000	980.710	13605179.66	1.1584	A	2.3
8	☐			698572.44	0.0647	P	0.9

$$y = 0.0011 * x + 0.0458$$

$$R = 0.9992$$

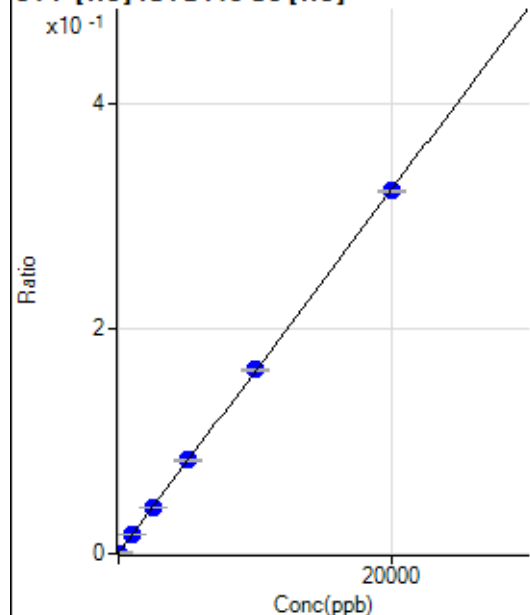
$$DL = 0.3336$$

$$BEC = 40.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.751	91.11	0.0004	P	12.0
2	☐	0.000	14.751	211.11	0.0008	P	8.2
3	☐	1000.000	997.951	4051.72	0.0167	P	2.0
4	☐	2500.000	2518.644	9936.81	0.0413	P	1.8
5	☐	5000.000	5104.200	19318.51	0.0831	P	1.7
6	☐	10000.000	10078.729	37490.57	0.1634	P	0.6
7	☐	20000.000	19932.357	73957.24	0.3226	P	0.3
8	☐			122.22	0.0005	P	10.0

$$y = 1.6156E-005 * x + 6.0728E-004$$

$$R = 1.0000$$

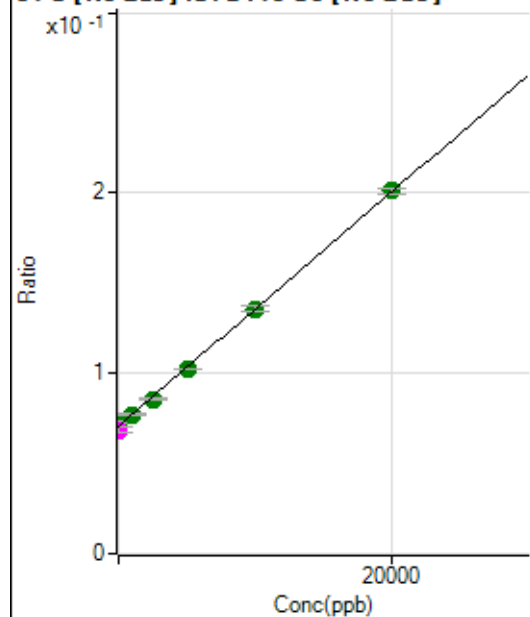
$$DL = 10.53$$

$$BEC = 37.59$$

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	356.274	929242.81	0.0732	A	0.5
2	☐	0.000	-356.274	863225.96	0.0686	M	5.6
3	☐	1000.000	963.531	977718.17	0.0771	A	0.6
4	☐	2500.000	2261.970	1061607.91	0.0856	A	1.7
5	☐	5000.000	4832.107	1242355.71	0.1022	A	0.5
6	☐	10000.000	9996.934	1621661.62	0.1358	A	2.0
7	☐	20000.000	20075.084	2362780.02	0.2012	A	1.6
8	☐			703914.89	0.0652	P	1.3

$$y = 6.4898\text{E-}006 * x + 0.0709$$

$$R = 0.9995$$

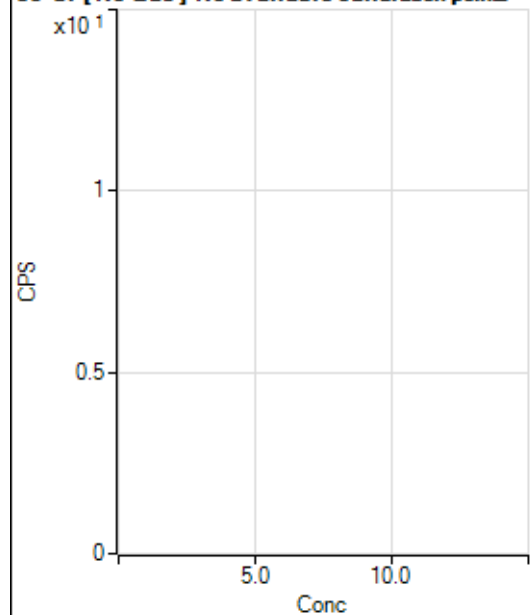
$$DL = 981.1$$

$$BEC = 1.092\text{E}+04$$

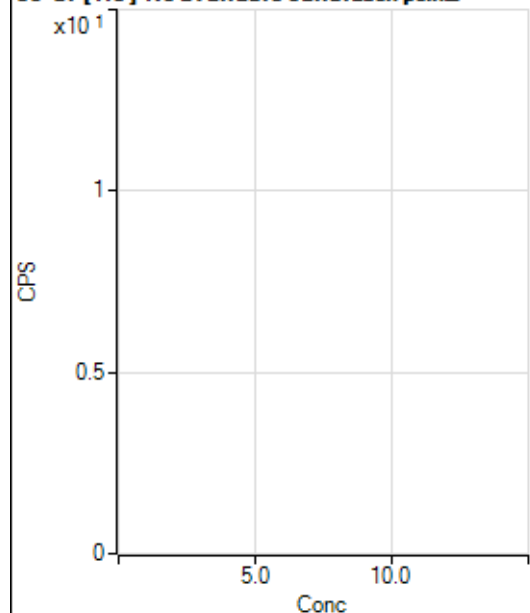
Weight: <None>

Min Conc: 0

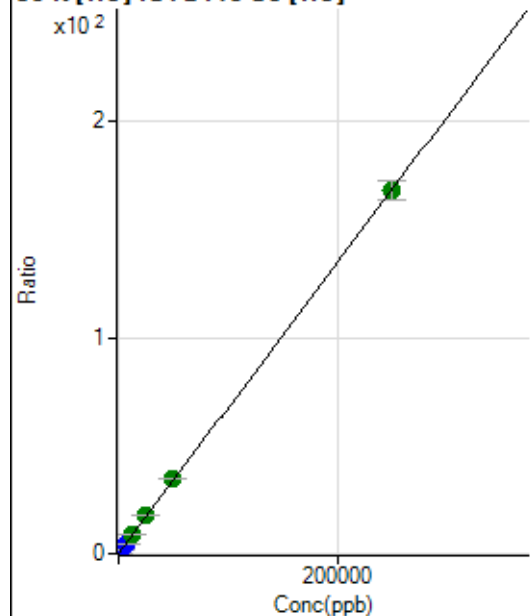
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			163546.50		P	0.2
2	☐			168656.51		P	0.2
3	☐			172504.28		P	0.7
4	☐			171254.25		P	0.4
5	☐			174436.10		P	0.7
6	☐			180996.72		P	0.9
7	☐			215587.75		P	1.9
8	☐			154100.38		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			684.47		P	4.5
2	☐			716.69		P	6.5
3	☐			740.03		P	8.2
4	☐			680.02		P	5.7
5	☐			764.47		P	4.6
6	☐			796.69		P	5.8
7	☐			980.04		P	9.2
8	☐			732.25		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16627.45	0.0673	P	0.3
2	☐	500.000	529.419	105733.54	0.4236	P	1.1
3	☐	2500.000	2531.589	428869.74	1.7712	P	1.3
4	☐	6250.000	6265.831	1030851.37	4.2845	P	1.1
5	☐	12500.000	13285.654	2095163.74	9.0091	A	0.8
6	☐	25000.000	26197.178	4059821.61	17.6991	A	0.7
7	☐	50000.000	51309.601	7931257.04	34.6008	A	0.8
8	☐	250000.00	249578.30	37607313.05	168.0436	A	5.2

$$y = 6.7304E-004 * x + 0.0673$$

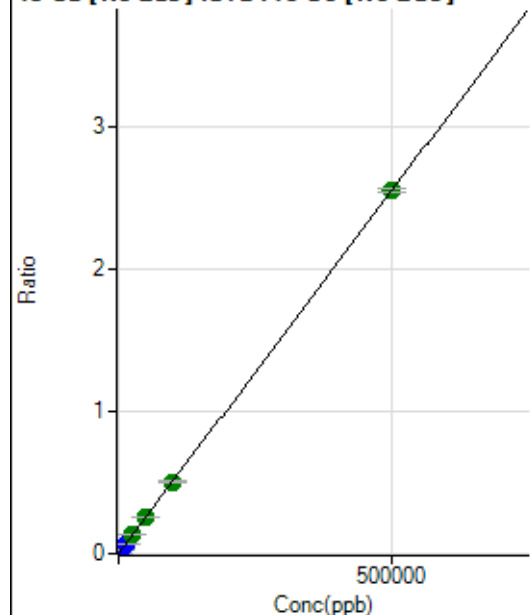
$$R = 1.0000$$

$$DL = 0.9673$$

$$BEC = 100$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	545.57	0.0000	P	0.8
2	☐	500.000	525.491	34210.63	0.0027	P	1.2
3	☐	5000.000	4831.499	312140.38	0.0246	P	1.7
4	☐	12500.000	12193.529	770170.45	0.0621	P	3.1
5	☐	25000.000	25425.390	1572500.81	0.1294	A	1.0
6	☐	50000.000	50756.877	3085378.67	0.2583	A	2.2
7	☐	100000.00	99175.000	5927796.72	0.5047	A	1.4
8	☐	500000.00	500077.36	27482322.37	2.5445	A	1.0

$$y = 5.0881E-006 * x + 4.2974E-005$$

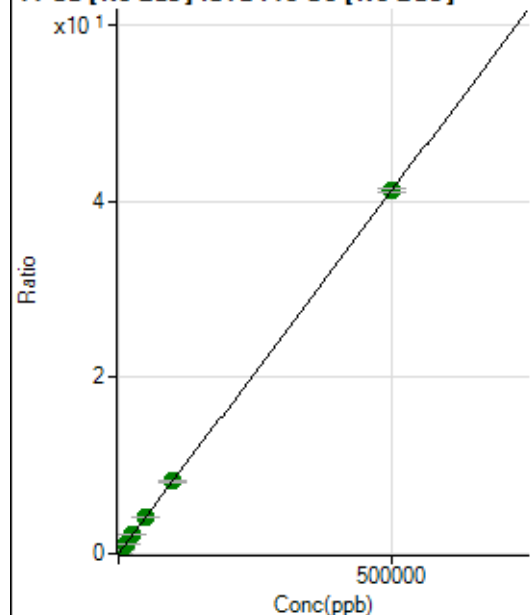
$$R = 1.0000$$

$$DL = 0.2086$$

$$BEC = 8.446$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31410.99	0.0025	P	0.9
2	☐	500.000	526.880	577689.98	0.0459	P	1.4
3	☐	5000.000	5075.478	5331022.87	0.4206	A	0.8
4	☐	12500.000	12592.979	12900208.83	1.0398	A	2.8
5	☐	25000.000	25264.687	25319976.57	2.0837	A	0.3
6	☐	50000.000	50819.682	50040411.47	4.1888	A	1.2
7	☐	100000.00	99607.455	96395134.12	8.2077	A	2.6
8	☐	500000.00	499980.20	444867940.0	41.1889	A	1.2

$$y = 8.2376E-005 * x + 0.0025$$

$$R = 1.0000$$

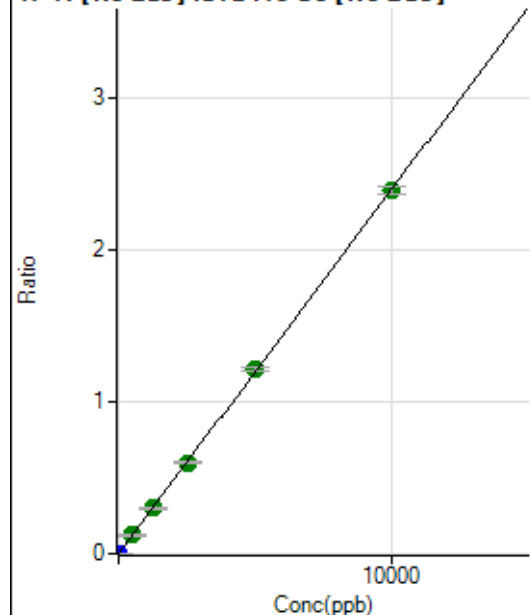
$$DL = 0.8345$$

$$BEC = 30.03$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	240.01	0.0000	P	8.3
2	☐	5.000	5.279	16165.85	0.0013	P	2.5
3	☐	500.000	503.248	1528831.82	0.1206	A	0.9
4	☐	1250.000	1254.359	3728965.08	0.3006	A	3.1
5	☐	2500.000	2506.610	7299005.17	0.6007	A	0.8
6	☐	5000.000	5063.927	14496191.17	1.2135	A	1.6
7	☐	10000.000	9965.677	28048561.52	2.3881	A	2.0
8	☐			3748.32	0.0003	P	2.6

$$y = 2.3963\text{E-}004 * x + 1.8901\text{E-}005$$

$$R = 1.0000$$

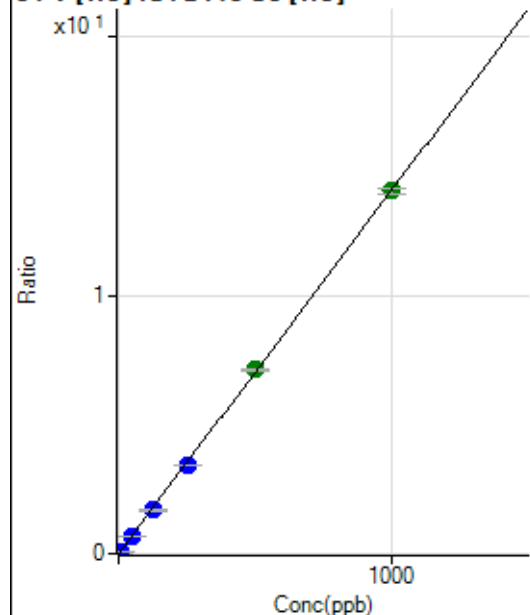
$$DL = 0.01956$$

$$BEC = 0.07887$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0001	P	33.4
2	☐	5.000	5.218	18314.04	0.0734	P	1.1
3	☐	50.000	48.280	164193.92	0.6781	P	0.8
4	☐	125.000	119.300	403092.03	1.6754	P	1.1
5	☐	250.000	242.513	791990.92	3.4056	P	0.5
6	☐	500.000	507.352	1634267.94	7.1245	A	1.0
7	☐	1000.000	998.993	3215529.33	14.0283	A	1.5
8	☐			827.81	0.0037	P	6.0

$$y = 0.0140 * x + 1.0803\text{E-}004$$

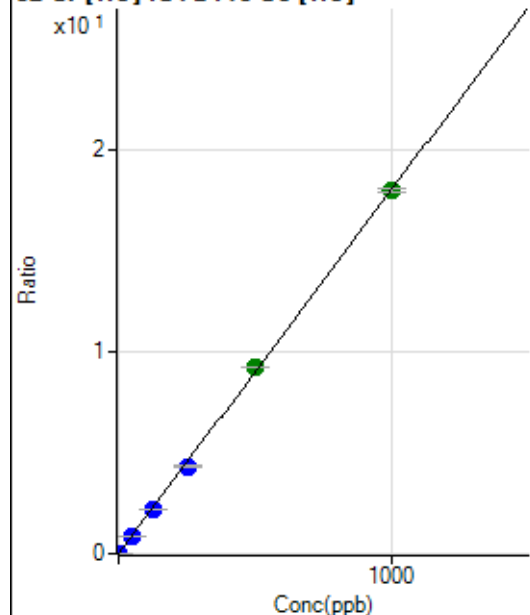
$$R = 0.9999$$

$$DL = 0.007699$$

$$BEC = 0.007693$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1382.31	0.0056	P	4.1
2	☐	2.000	2.090	10807.49	0.0433	P	2.7
3	☐	50.000	48.166	211779.66	0.8746	P	0.9
4	☐	125.000	119.497	520060.96	2.1615	P	1.4
5	☐	250.000	240.079	1008622.72	4.3370	P	0.6
6	☐	500.000	513.009	2124364.03	9.2612	A	0.3
7	☐	1000.000	996.755	4123418.80	17.9888	A	1.0
8	☐			12419.92	0.0555	P	4.4

$$y = 0.0180 * x + 0.0056$$

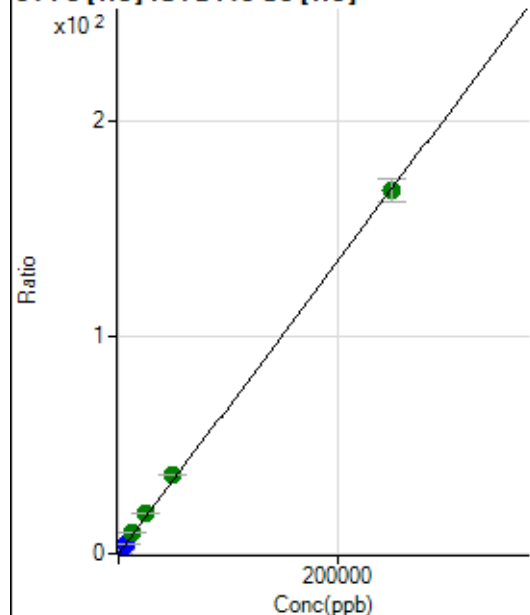
$$R = 0.9998$$

$$DL = 0.03861$$

$$BEC = 0.3102$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	656.69	0.0027	P	7.4
2	☐	50.000	58.210	10453.90	0.0419	P	0.6
3	☐	2500.000	2727.536	445699.99	1.8406	P	0.8
4	☐	6250.000	6645.820	1078139.33	4.4810	P	0.9
5	☐	12500.000	14276.125	2237847.08	9.6228	A	1.7
6	☐	25000.000	27824.870	4301598.41	18.7528	A	0.3
7	☐	50000.000	53901.125	8326535.71	36.3245	A	0.3
8	☐	250000.00	248836.30	37512828.33	167.6837	A	6.3

$$y = 6.7386E-004 * x + 0.0027$$

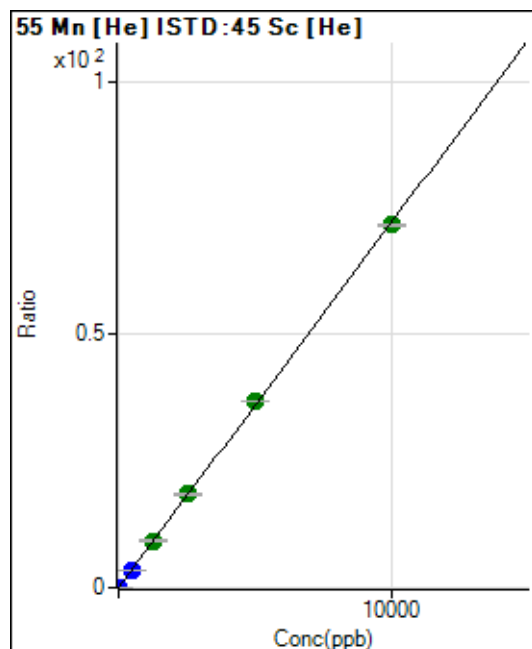
$$R = 0.9998$$

$$DL = 0.8728$$

$$BEC = 3.946$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0008	P	1.2
2	☐	1.000	0.968	1933.49	0.0077	P	5.9
3	☐	500.000	496.041	866607.30	3.5789	P	0.7
4	☐	1250.000	1287.106	2233997.22	9.2851	A	1.0
5	☐	2500.000	2564.199	4301675.49	18.4972	A	1.6
6	☐	5000.000	5095.874	8431845.22	36.7590	A	0.3
7	☐	10000.000	9931.573	16421625.17	71.6405	A	0.7
8	☐			7178.55	0.0321	P	5.3

$$y = 0.0072 * x + 7.6481E-004$$

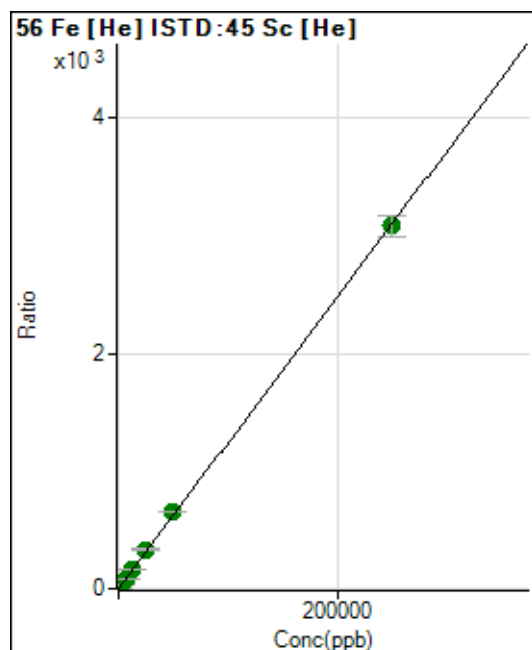
$$R = 0.9999$$

$$DL = 0.003683$$

$$BEC = 0.106$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9042.94	0.0366	P	1.0
2	☐	50.000	57.093	185448.64	0.7430	P	0.6
3	☐	2500.000	2773.401	8318096.40	34.3515	A	0.7
4	☐	6250.000	6804.074	20263924.98	84.2225	A	1.1
5	☐	12500.000	13697.900	39423231.63	169.5189	A	0.7
6	☐	25000.000	27055.576	76794491.08	334.7917	A	0.6
7	☐	50000.000	52764.378	149658404.4	652.8833	A	0.5
8	☐	250000.00	249165.08	689875331.9	3,082.923	A	5.6

$$y = 0.0124 * x + 0.0366$$

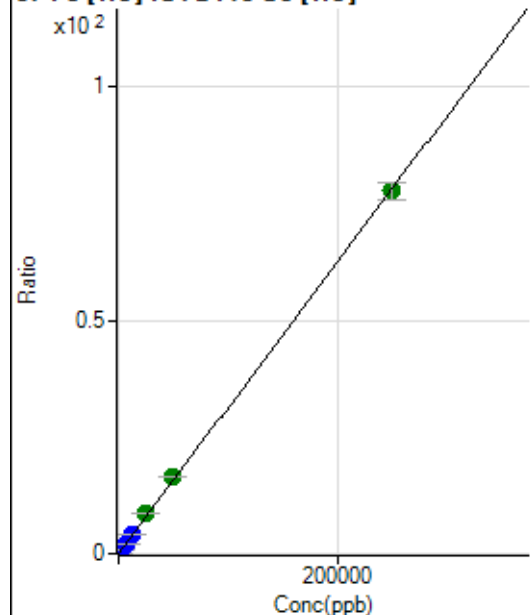
$$R = 0.9999$$

$$DL = 0.08821$$

$$BEC = 2.959$$

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	203.34	0.0008	P	8.2
2	☐	50.000	56.463	4599.67	0.0184	P	2.5
3	☐	2500.000	2661.307	201134.51	0.8306	P	1.2
4	☐	6250.000	6525.234	489739.90	2.0355	P	0.9
5	☐	12500.000	13057.210	947026.85	4.0722	P	0.5
6	☐	25000.000	27670.261	1979324.66	8.6287	A	0.8
7	☐	50000.000	52824.502	3775861.99	16.4721	A	0.2
8	☐	250000.00	249131.71	17386779.32	77.6830	A	5.0

$$y = 3.1181\text{E-}004 * x + 8.2329\text{E-}004$$

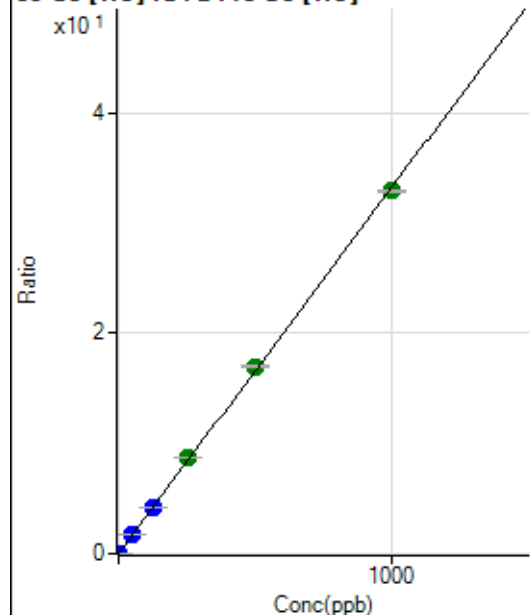
$$R = 0.9999$$

$$DL = 0.6477$$

$$BEC = 2.64$$

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	186.67	0.0008	P	15.9
2	☐	1.000	1.106	9347.58	0.0374	P	0.5
3	☐	50.000	50.426	405151.64	1.6731	P	0.6
4	☐	125.000	124.174	991036.65	4.1190	P	1.1
5	☐	250.000	260.996	2013219.28	8.6568	A	0.5
6	☐	500.000	511.267	3889738.73	16.9570	A	0.9
7	☐	1000.000	991.699	7539581.28	32.8907	A	0.3
8	☐			15030.27	0.0671	P	4.5

$$y = 0.0332 * x + 7.5586\text{E-}004$$

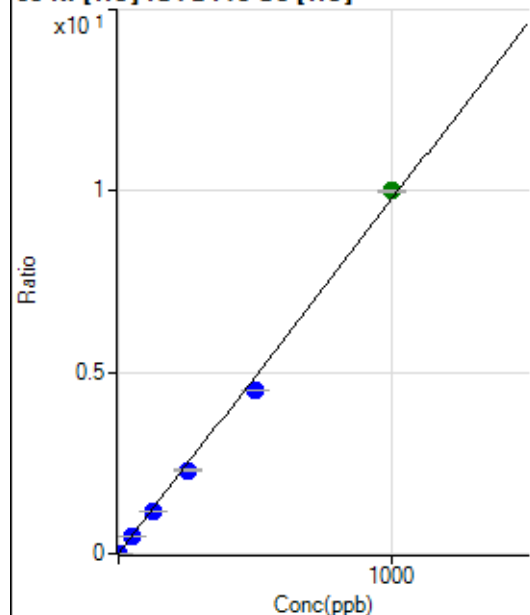
$$R = 0.9998$$

$$DL = 0.01088$$

$$BEC = 0.02279$$

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	2403.56	0.0097	P	2.6
2	☐	1.000	1.004	4873.11	0.0195	P	1.5
3	☐	50.000	47.803	115245.15	0.4759	P	1.1
4	☐	125.000	118.149	279580.20	1.1620	P	0.9
5	☐	250.000	235.232	535782.32	2.3039	P	0.8
6	☐	500.000	460.311	1031999.04	4.4990	P	0.2
7	☐	1000.000	1024.503	2292540.11	10.0014	A	0.7
8	☐			8562.66	0.0383	P	7.2

$$y = 0.0098 * x + 0.0097$$

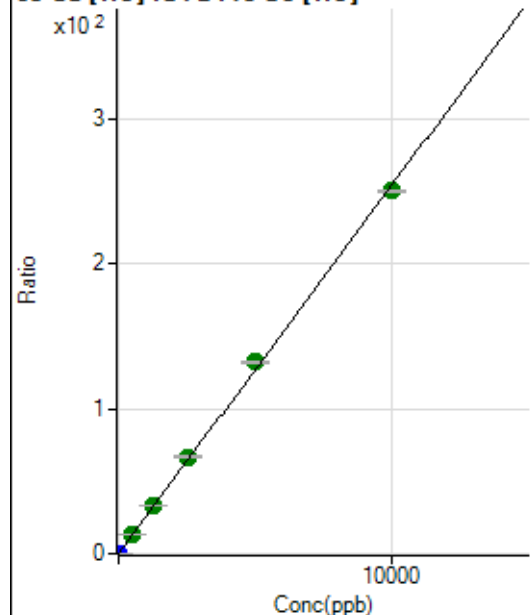
$$R = 0.9987$$

$$DL = 0.07884$$

$$BEC = 0.9979$$

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	4185.10	0.0169	P	5.7
2	☐	2.000	2.167	17979.25	0.0720	P	0.7
3	☐	500.000	536.705	3307868.63	13.6608	A	0.8
4	☐	1250.000	1312.136	8029564.46	33.3734	A	1.3
5	☐	2500.000	2629.423	15548964.63	66.8607	A	1.6
6	☐	5000.000	5200.639	30329623.44	132.2248	A	0.6
7	☐	10000.000	9857.723	57449420.26	250.6147	A	0.6
8	☐			13339.71	0.0596	P	4.5

$$y = 0.0254 * x + 0.0169$$

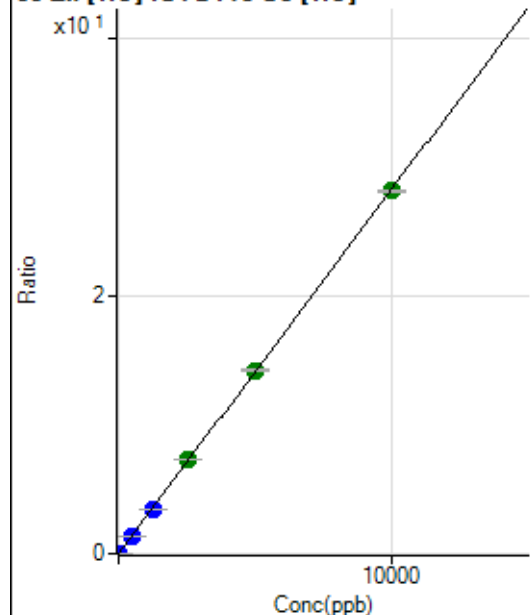
$$R = 0.9996$$

$$DL = 0.1131$$

$$BEC = 0.6666$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	310.01	0.0013	P	7.9
2	☐	2.000	5.178	3969.49	0.0159	P	2.4
3	☐	500.000	492.901	337941.12	1.3957	P	1.8
4	☐	1250.000	1216.603	828421.40	3.4431	P	0.8
5	☐	2500.000	2581.927	1699014.94	7.3057	A	0.9
6	☐	5000.000	5042.585	3272658.95	14.2671	A	0.4
7	☐	10000.000	9962.754	6461230.95	28.1866	A	0.4
8	☐			3279.31	0.0146	P	4.3

$$y = 0.0028 * x + 0.0013$$

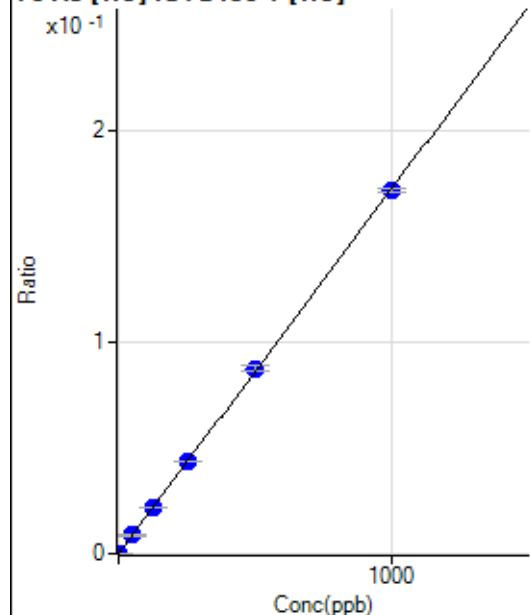
$$R = 0.9999$$

$$DL = 0.105$$

$$BEC = 0.4436$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	57.6
2	☐	1.000	1.162	460.01	0.0002	P	14.5
3	☐	50.000	50.464	19212.08	0.0087	P	2.6
4	☐	125.000	126.372	47038.18	0.0218	P	0.5
5	☐	250.000	252.976	92757.84	0.0436	P	1.1
6	☐	500.000	508.327	182248.79	0.0875	P	2.8
7	☐	1000.000	994.898	353994.60	0.1713	P	1.0
8	☐			168.89	0.0001	P	7.9

$$y = 1.7214E-004 * x + 4.4035E-006$$

$$R = 0.9999$$

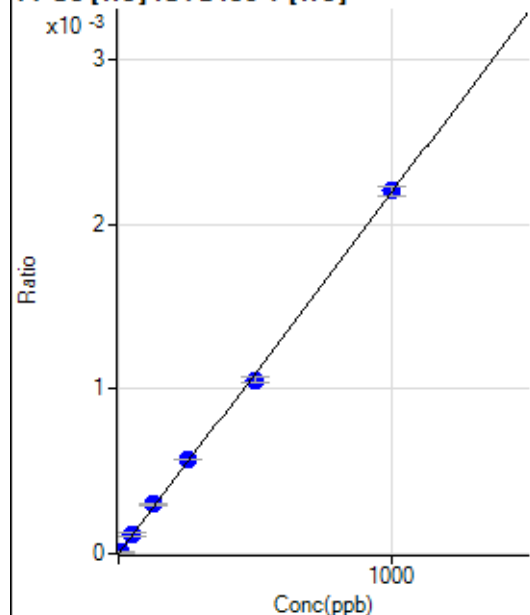
$$DL = 0.04421$$

$$BEC = 0.02558$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.137	16.67	0.0000	P	71.4
3	☐	50.000	51.666	251.12	0.0001	P	24.6
4	☐	125.000	135.719	644.47	0.0003	P	6.7
5	☐	250.000	260.773	1218.95	0.0006	P	1.4
6	☐	500.000	481.705	2202.42	0.0011	P	2.4
7	☐	1000.000	1005.041	4556.34	0.0022	P	2.7
8	☐			2.22	0.0000	P	86.7

$$y = 2.1929\text{E-}006 * x + 4.8929\text{E-}007$$

$$R = 0.9996$$

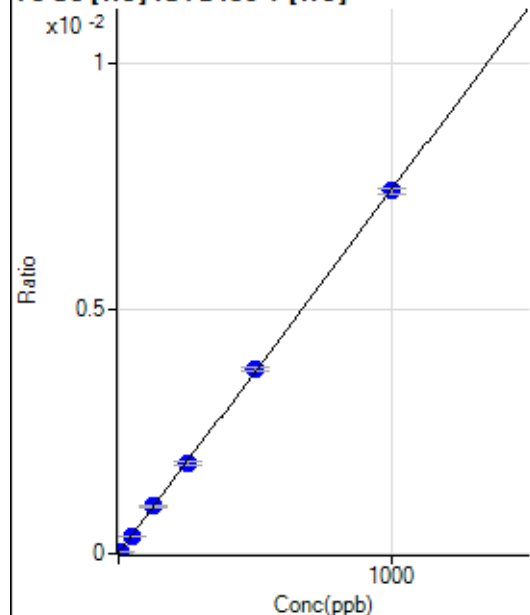
$$DL = 1.159$$

$$BEC = 0.2231$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0000	P	54.2
2	☐	5.000	5.192	105.56	0.0000	P	14.1
3	☐	50.000	47.366	795.59	0.0004	P	7.1
4	☐	125.000	129.633	2097.96	0.0010	P	2.2
5	☐	250.000	248.498	3945.04	0.0019	P	3.2
6	☐	500.000	505.860	7838.92	0.0038	P	2.4
7	☐	1000.000	996.997	15311.74	0.0074	P	1.9
8	☐			15.56	0.0000	P	30.6

$$y = 7.4219\text{E-}006 * x + 8.3394\text{E-}006$$

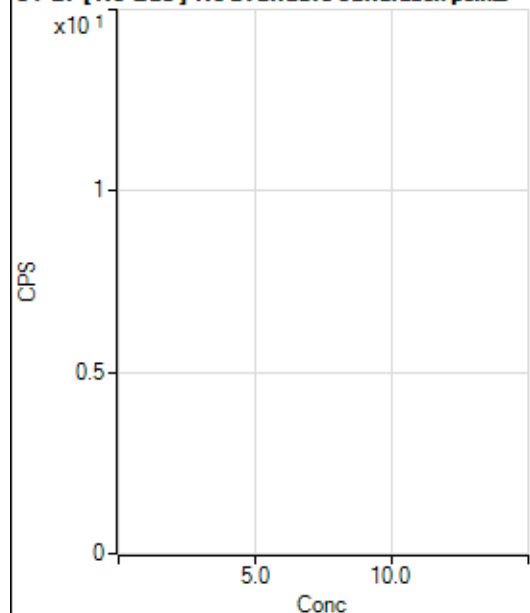
$$R = 1.0000$$

$$DL = 1.828$$

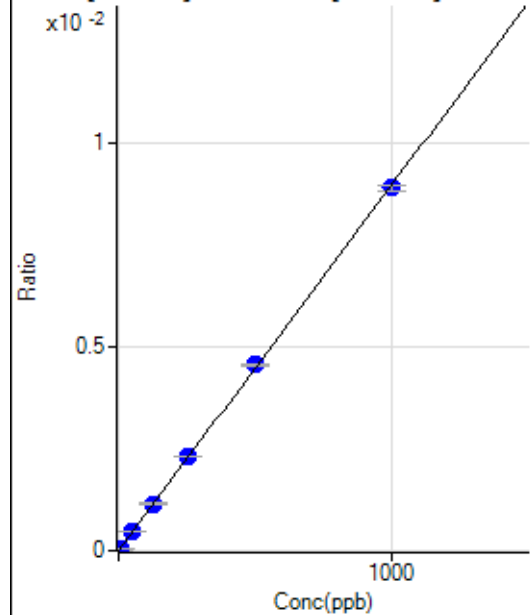
$$BEC = 1.124$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5134.33		P	1.6
2	☐			4895.34		P	1.2
3	☐			4625.25		P	1.6
4	☐			4729.74		P	2.9
5	☐			4726.40		P	2.0
6	☐			4521.88		P	4.8
7	☐			4707.50		P	1.8
8	☐			4997.61		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.56	0.0000	P	63.0
2	☐	5.000	5.192	1534.58	0.0000	P	5.9
3	☐	50.000	50.921	14576.90	0.0005	P	1.5
4	☐	125.000	128.491	36601.79	0.0012	P	2.1
5	☐	250.000	259.231	71676.67	0.0023	P	0.9
6	☐	500.000	508.724	138286.91	0.0046	P	0.7
7	☐	1000.000	992.847	269895.33	0.0089	P	1.7
8	☐			25.56	0.0000	P	150.

$$y = 8.9639\text{E-}006 * x + 1.1180\text{E-}006$$

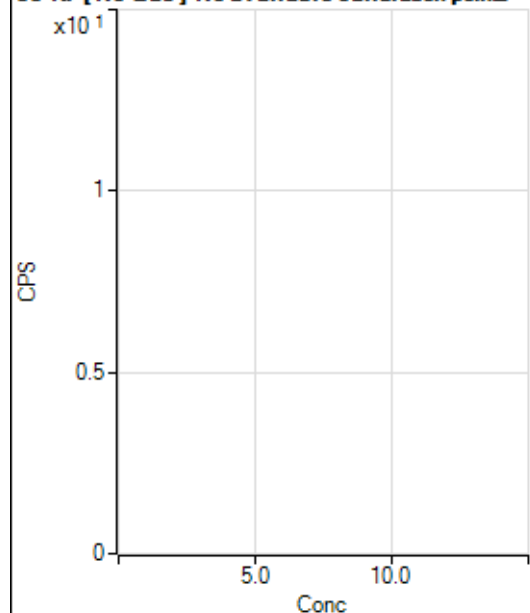
$$R = 0.9999$$

$$DL = 0.2357$$

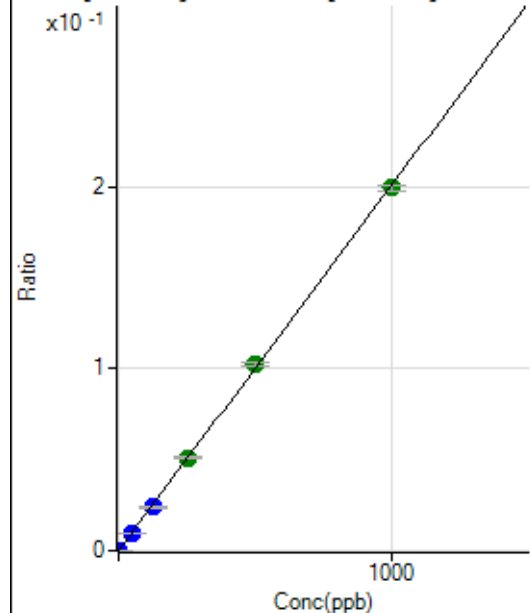
$$BEC = 0.1247$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			343.34		P	7.6
2	☐			354.45		P	21.7
3	☐			316.68		P	1.8
4	☐			310.01		P	12.4
5	☐			306.68		P	15.1
6	☐			311.12		P	9.2
7	☐			324.45		P	11.5
8	☐			333.34		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	617.80	0.0000	P	9.9
2	☐	1.000	1.003	7111.87	0.0002	P	2.8
3	☐	50.000	47.756	306092.27	0.0096	P	1.1
4	☐	125.000	118.770	757485.83	0.0239	P	3.7
5	☐	250.000	255.224	1580539.65	0.0513	A	0.2
6	☐	500.000	512.549	3120599.50	0.1029	A	2.0
7	☐	1000.000	993.310	6047984.91	0.1995	A	1.9
8	☐			17960.49	0.0006	P	1.2

$$y = 2.0078\text{E-}004 * x + 1.9410\text{E-}005$$

$$R = 0.9998$$

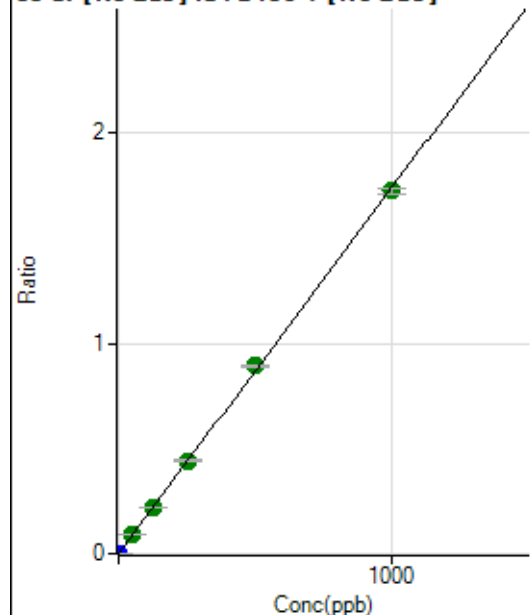
$$DL = 0.0286$$

$$BEC = 0.09667$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	693.36	0.0000	P	7.9
2	☐	1.000	1.029	58321.10	0.0018	P	1.1
3	☐	50.000	50.894	2821395.51	0.0886	A	0.6
4	☐	125.000	125.272	6918794.62	0.2179	A	2.4
5	☐	250.000	254.561	13653252.02	0.4429	A	1.3
6	☐	500.000	512.982	27056461.82	0.8924	A	1.4
7	☐	1000.000	992.290	52345050.33	1.7262	A	1.4
8	☐			153235.91	0.0055	P	0.9

$$y = 0.0017 * x + 2.1769E-005$$

$$R = 0.9999$$

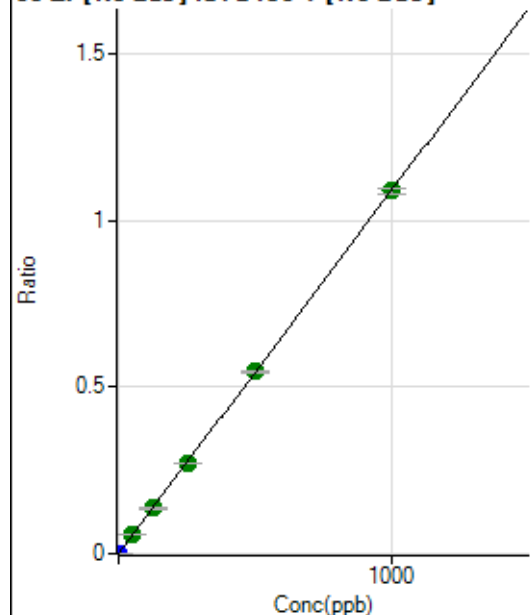
$$DL = 0.002959$$

$$BEC = 0.01251$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1051.16	0.0000	P	3.5
2	☐	1.000	0.993	35940.70	0.0011	P	1.9
3	☐	50.000	50.895	1769848.76	0.0556	A	1.7
4	☐	125.000	125.438	4345066.01	0.1369	A	2.8
5	☐	250.000	250.313	8420258.35	0.2731	A	0.5
6	☐	500.000	501.588	16590985.59	0.5472	A	1.3
7	☐	1000.000	999.029	33048523.67	1.0899	A	1.7
8	☐			51051.90	0.0018	P	0.8

$$y = 0.0011 * x + 3.3017E-005$$

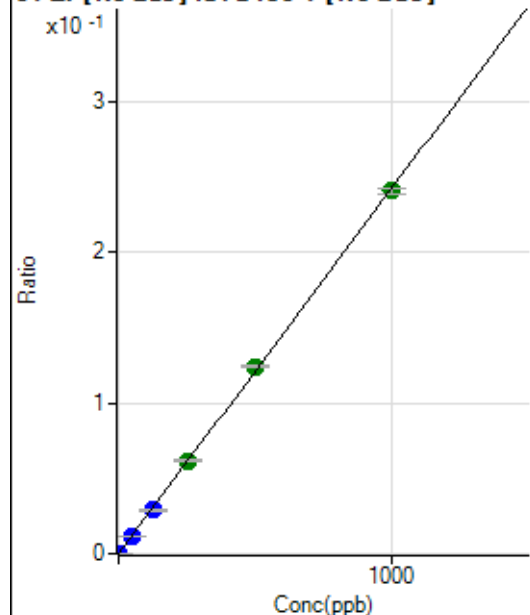
$$R = 1.0000$$

$$DL = 0.003183$$

$$BEC = 0.03026$$

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	211.12	0.0000	P	15.7
2	☐	1.000	0.986	7914.55	0.0002	P	4.4
3	☐	50.000	47.697	368664.66	0.0116	P	1.2
4	☐	125.000	119.399	919119.83	0.0290	P	3.7
5	☐	250.000	255.272	1908466.88	0.0619	A	1.5
6	☐	500.000	511.359	3759400.22	0.1240	A	1.0
7	☐	1000.000	993.818	7307468.29	0.2410	A	1.5
8	☐			11304.69	0.0004	P	1.2

$$y = 2.4248\text{E-}004 * x + 6.6373\text{E-}006$$

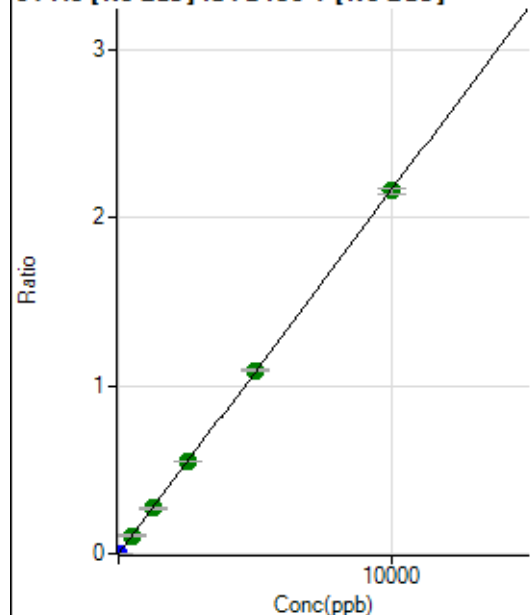
$$R = 0.9999$$

$$DL = 0.01286$$

$$BEC = 0.02737$$

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	521.13	0.0000	P	9.6
2	☐	5.000	5.984	42244.01	0.0013	P	1.7
3	☐	500.000	501.231	3457276.06	0.1085	A	1.0
4	☐	1250.000	1244.559	8551861.12	0.2694	A	3.5
5	☐	2500.000	2526.695	16864385.17	0.5470	A	0.2
6	☐	5000.000	5038.667	33069365.62	1.0908	A	1.2
7	☐	10000.000	9974.611	65474094.58	2.1593	A	1.9
8	☐			44589.12	0.0016	P	2.0

$$y = 2.1648\text{E-}004 * x + 1.6364\text{E-}005$$

$$R = 1.0000$$

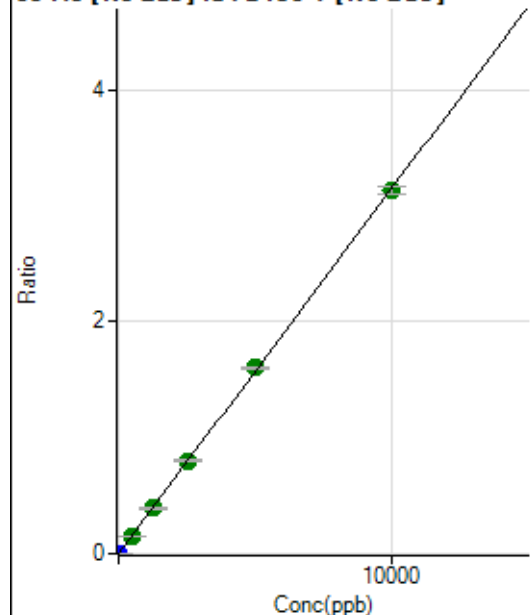
$$DL = 0.02187$$

$$BEC = 0.07559$$

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	226.67	0.0000	P	13.8
2	☐	5.000	5.079	51644.39	0.0016	P	1.7
3	☐	500.000	498.552	4993610.48	0.1567	A	0.4
4	☐	1250.000	1244.364	12415699.68	0.3912	A	4.0
5	☐	2500.000	2548.460	24700460.74	0.8012	A	0.9
6	☐	5000.000	5095.868	48568249.28	1.6020	A	1.4
7	☐	10000.000	9940.728	94756194.14	3.1251	A	2.2
8	☐			46979.29	0.0017	P	1.2

$$y = 3.1438\text{E-}004 * x + 7.1256\text{E-}006$$

$$R = 0.9999$$

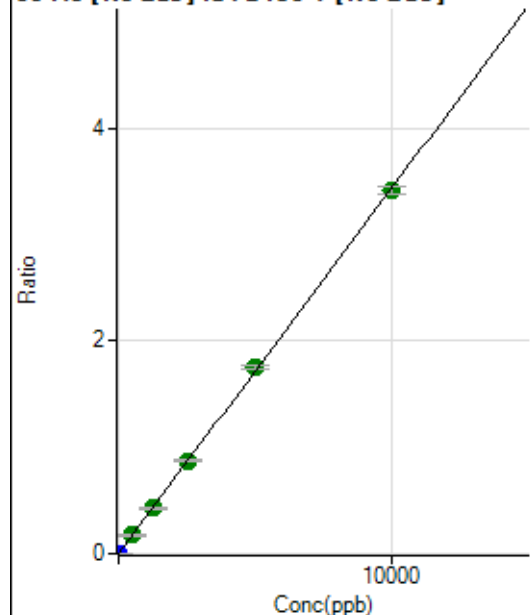
$$DL = 0.009408$$

$$BEC = 0.02267$$

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	287.78	0.0000	P	9.5
2	☐	5.000	5.142	57160.28	0.0018	P	1.8
3	☐	500.000	501.412	5486785.16	0.1722	A	1.1
4	☐	1250.000	1246.068	13583944.24	0.4280	A	3.7
5	☐	2500.000	2542.366	26921853.77	0.8732	A	1.0
6	☐	5000.000	5113.552	53247095.87	1.7563	A	1.3
7	☐	10000.000	9933.053	103446656.2	3.4117	A	2.1
8	☐			53842.72	0.0019	P	0.6

$$y = 3.4347\text{E-}004 * x + 9.0322\text{E-}006$$

$$R = 0.9999$$

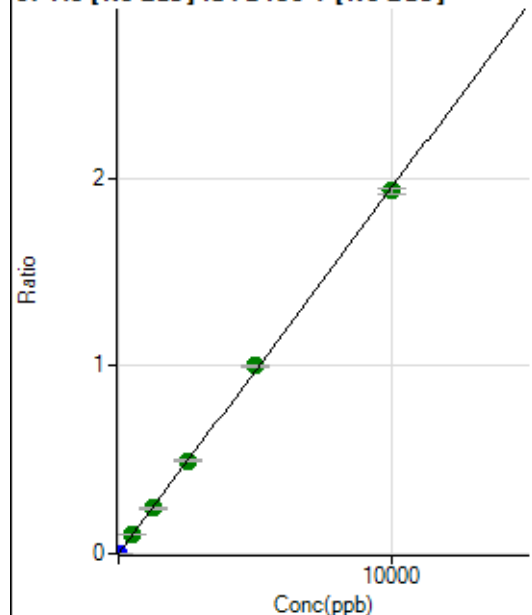
$$DL = 0.007504$$

$$BEC = 0.0263$$

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	142.23	0.0000	P	5.0
2	☐	5.000	5.068	31918.89	0.0010	P	0.6
3	☐	500.000	504.480	3129233.50	0.0982	A	0.5
4	☐	1250.000	1244.338	7689383.98	0.2423	A	3.5
5	☐	2500.000	2545.336	15279013.38	0.4956	A	2.1
6	☐	5000.000	5139.277	30334118.44	1.0006	A	1.4
7	☐	10000.000	9919.511	58558093.01	1.9312	A	1.9
8	☐			28424.72	0.0010	P	1.3

$$y = 1.9469\text{E-}004 * x + 4.4659\text{E-}006$$

$$R = 0.9998$$

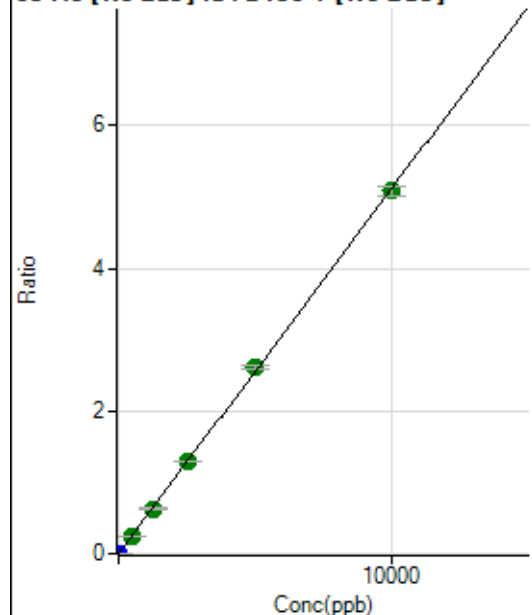
$$DL = 0.003435$$

$$BEC = 0.02294$$

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	328.90	0.0000	P	10.3
2	☐	5.000	4.977	82307.84	0.0026	P	1.3
3	☐	500.000	494.625	8059791.83	0.2530	A	0.6
4	☐	1250.000	1237.594	20095480.95	0.6330	A	2.0
5	☐	2500.000	2533.593	39952393.57	1.2958	A	0.9
6	☐	5000.000	5095.512	79008573.82	2.6061	A	2.0
7	☐	10000.000	9945.665	154231716.5	5.0867	A	2.4
8	☐			74544.20	0.0027	P	0.7

$$y = 5.1145\text{E-}004 * x + 1.0321\text{E-}005$$

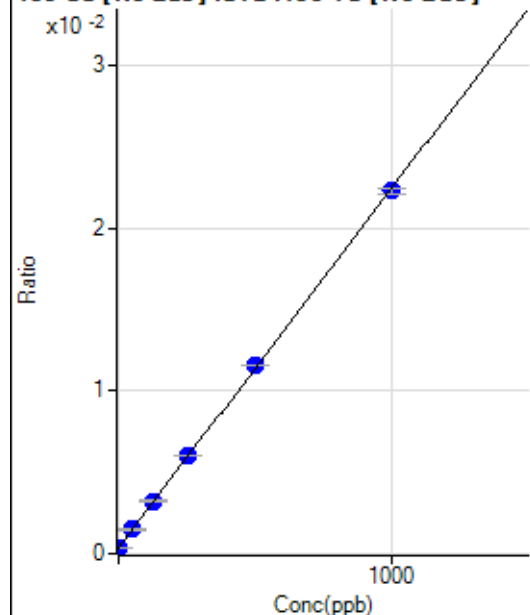
$$R = 0.9999$$

$$DL = 0.006233$$

$$BEC = 0.02018$$

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	8590.53	0.0004	P	2.0
2	☐	1.000	1.208	9164.23	0.0004	P	1.5
3	☐	50.000	50.803	35872.07	0.0015	P	1.9
4	☐	125.000	130.009	77185.49	0.0032	P	3.7
5	☐	250.000	256.189	141787.29	0.0060	P	1.1
6	☐	500.000	508.801	269806.67	0.0116	P	0.5
7	☐	1000.000	993.386	517508.93	0.0223	P	1.7
8	☐			7828.95	0.0004	P	3.5

$$y = 2.2049E-005 * x + 3.6115E-004$$

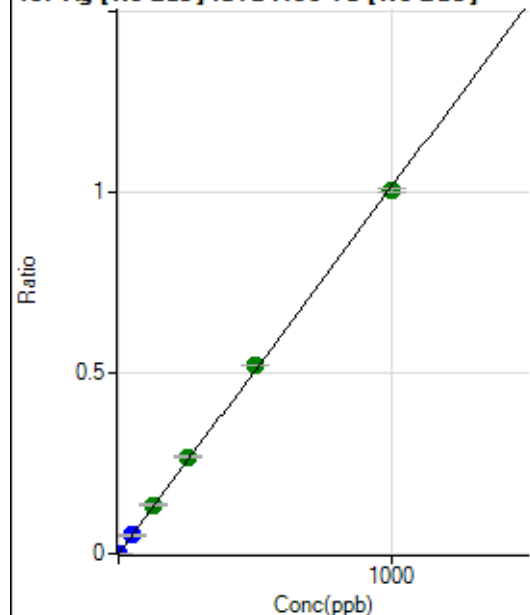
$$R = 0.9999$$

$$DL = 0.9587$$

$$BEC = 16.38$$

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	264.45	0.0000	P	4.0
2	☐	1.000	1.056	25610.52	0.0011	P	1.4
3	☐	50.000	49.985	1229835.30	0.0508	P	1.2
4	☐	125.000	133.197	3236533.32	0.1353	A	1.9
5	☐	250.000	262.457	6289909.42	0.2666	A	1.8
6	☐	500.000	513.749	12159200.10	0.5219	A	0.6
7	☐	1000.000	988.987	23352154.10	1.0046	A	1.0
8	☐			5435.41	0.0003	P	39.5

$$y = 0.0010 * x + 1.1116E-005$$

$$R = 0.9997$$

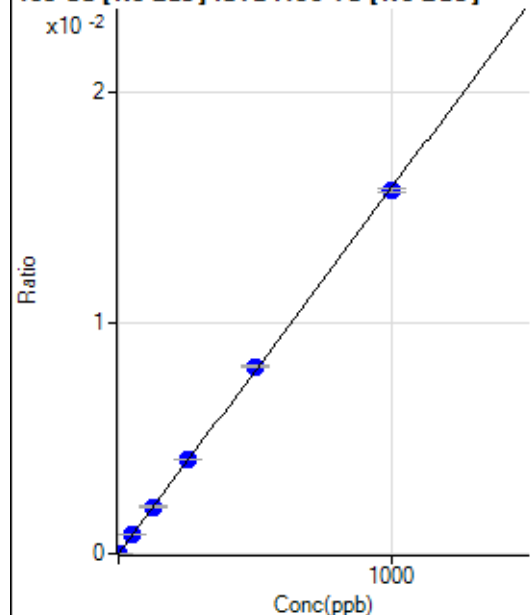
$$DL = 0.00131$$

$$BEC = 0.01094$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	20.4
2	☐	1.000	1.103	445.57	0.0000	P	4.2
3	☐	50.000	51.559	19789.85	0.0008	P	0.5
4	☐	125.000	128.603	48696.75	0.0020	P	2.9
5	☐	250.000	258.549	96547.18	0.0041	P	0.6
6	☐	500.000	511.206	188489.44	0.0081	P	0.8
7	☐	1000.000	991.731	364786.97	0.0157	P	0.9
8	☐			222.23	0.0000	P	4.1

$$y = 1.5822\text{E-}005 * x + 1.4021\text{E-}006$$

$$R = 0.9999$$

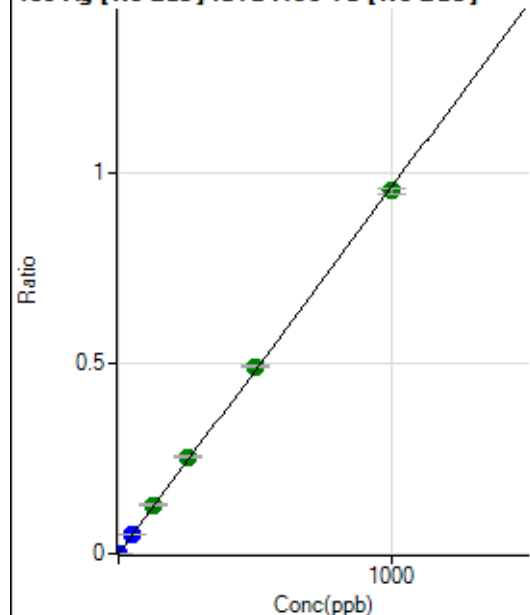
$$DL = 0.05423$$

$$BEC = 0.08862$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	27.1
2	☐	1.000	1.045	23925.24	0.0010	P	0.6
3	☐	50.000	50.665	1182452.36	0.0488	P	1.8
4	☐	125.000	132.476	3053208.95	0.1277	A	2.9
5	☐	250.000	263.632	5993686.72	0.2540	A	1.1
6	☐	500.000	511.266	11479770.94	0.4927	A	0.4
7	☐	1000.000	989.991	22176408.83	0.9540	A	1.5
8	☐			3875.03	0.0002	P	8.0

$$y = 9.6362\text{E-}004 * x + 5.1347\text{E-}006$$

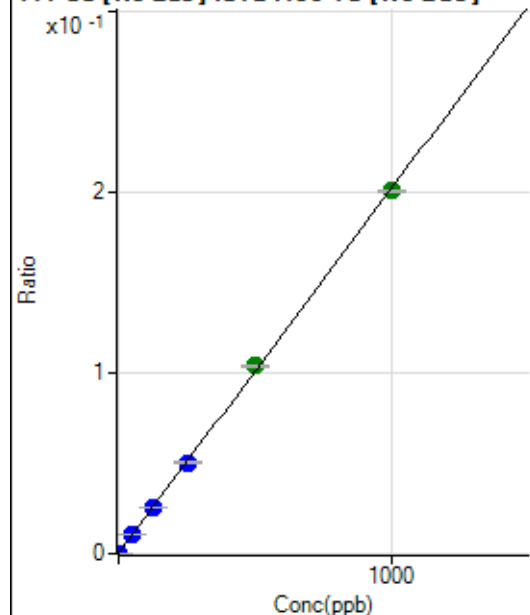
$$R = 0.9998$$

$$DL = 0.004327$$

$$BEC = 0.005329$$

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	6016.70	0.0003	P	1.9
2	☐	1.000	1.157	11489.72	0.0005	P	1.5
3	☐	50.000	49.703	248765.64	0.0103	P	1.4
4	☐	125.000	124.586	606691.87	0.0254	P	2.9
5	☐	250.000	248.095	1185932.43	0.0503	P	1.1
6	☐	500.000	514.375	2421817.56	0.1039	A	0.9
7	☐	1000.000	993.355	4660769.01	0.2005	A	0.7
8	☐			6043.63	0.0003	P	3.2

$$y = 2.0159\text{E-}004 * x + 2.5295\text{E-}004$$

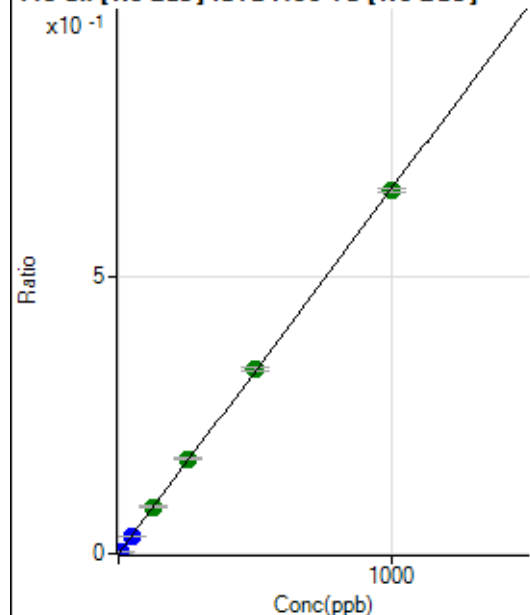
R = 0.9998

DL = 0.0708

BEC = 1.255

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	1824.59	0.0001	P	3.8
2	☐	5.000	5.371	85462.18	0.0036	P	0.3
3	☐	50.000	49.042	784468.88	0.0324	P	0.8
4	☐	125.000	128.341	2024572.26	0.0846	A	2.5
5	☐	250.000	259.557	4037428.38	0.1711	A	1.2
6	☐	500.000	505.921	7768801.76	0.3335	A	1.6
7	☐	1000.000	994.279	15232252.55	0.6553	A	1.1
8	☐			4300.73	0.0002	P	0.8

$$y = 6.5896\text{E-}004 * x + 7.6711\text{E-}005$$

R = 0.9999

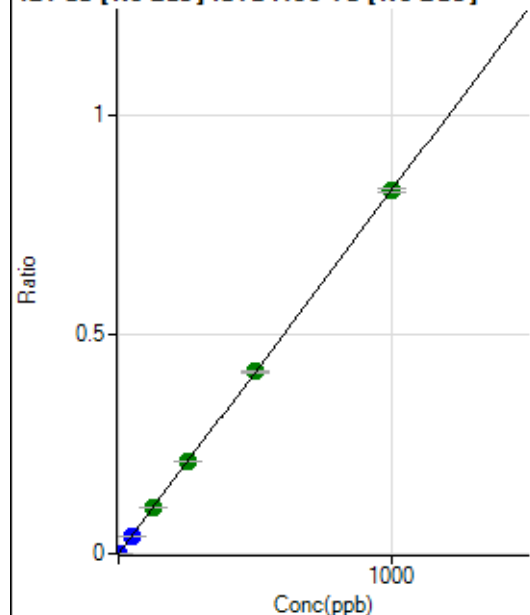
DL = 0.01333

BEC = 0.1164

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81.11	0.0000	P	9.9
2	☐	2.000	2.141	42032.17	0.0018	P	1.2
3	☐	50.000	47.984	963431.07	0.0398	P	0.7
4	☐	125.000	127.337	2524914.30	0.1056	A	2.7
5	☐	250.000	253.555	4959591.14	0.2102	A	0.3
6	☐	500.000	500.335	9664445.06	0.4148	A	1.3
7	☐	1000.000	998.752	19248266.52	0.8280	A	1.0
8	☐			19034.47	0.0009	P	0.9

$$y = 8.2903\text{E-}004 * x + 3.4087\text{E-}006$$

$$R = 1.0000$$

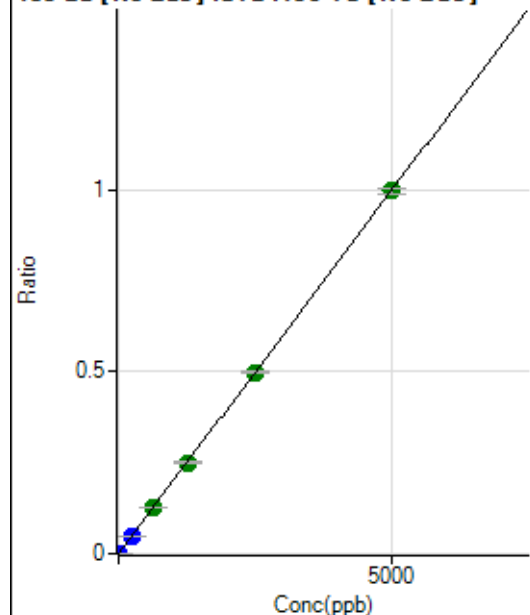
$$DL = 0.001217$$

$$BEC = 0.004112$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	118.89	0.0000	P	5.4
2	☐	10.000	10.356	48955.88	0.0021	P	0.7
3	☐	250.000	238.692	1153560.84	0.0476	P	0.9
4	☐	625.000	636.565	3038099.09	0.1270	A	2.8
5	☐	1250.000	1257.508	5920240.33	0.2509	A	1.0
6	☐	2500.000	2501.507	11631136.08	0.4992	A	1.4
7	☐	5000.000	4996.489	23175117.99	0.9970	A	1.7
8	☐			8035.80	0.0004	P	3.1

$$y = 1.9954\text{E-}004 * x + 4.9972\text{E-}006$$

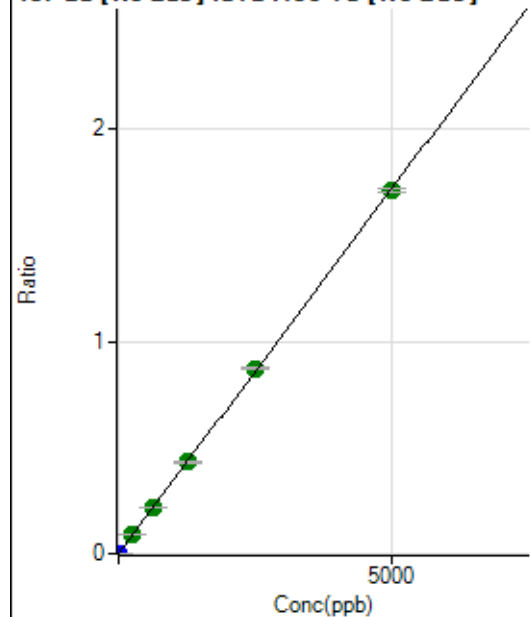
$$R = 1.0000$$

$$DL = 0.00402$$

$$BEC = 0.02504$$

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	190.00	0.0000	P	12.8
2	☐	10.000	10.507	85562.49	0.0036	P	0.6
3	☐	250.000	253.050	2107165.26	0.0870	A	0.6
4	☐	625.000	633.078	5206141.59	0.2177	A	2.5
5	☐	1250.000	1259.263	10214732.91	0.4330	A	1.1
6	☐	2500.000	2542.622	20367278.31	0.8742	A	1.8
7	☐	5000.000	4975.210	39762104.13	1.7105	A	1.1
8	☐			13665.90	0.0006	P	1.3

$$y = 3.4381E-004 * x + 7.9843E-006$$

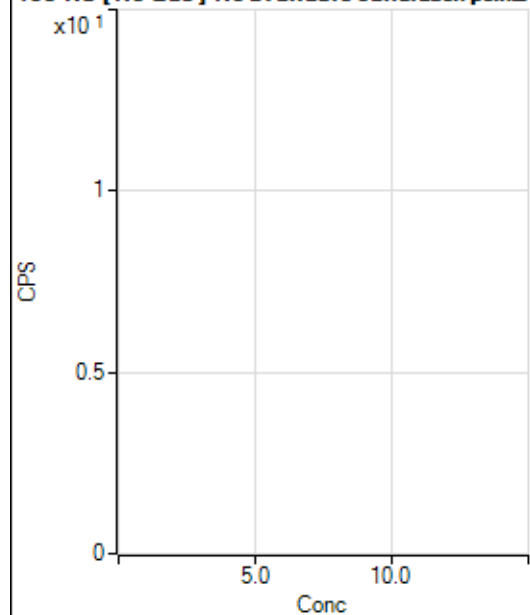
$$R = 0.9999$$

$$DL = 0.008893$$

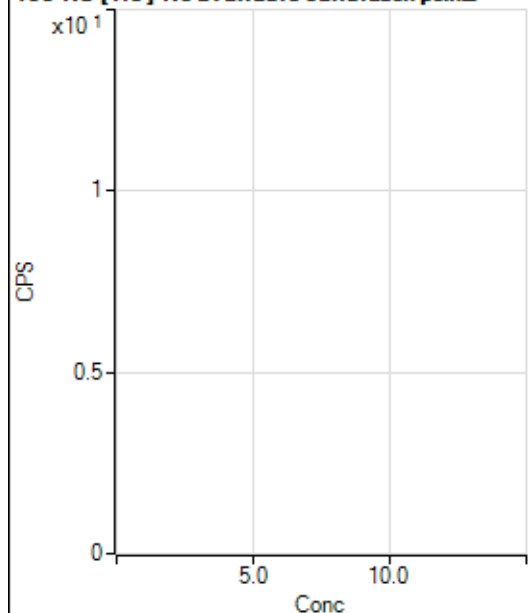
$$BEC = 0.02322$$

Weight: <None>

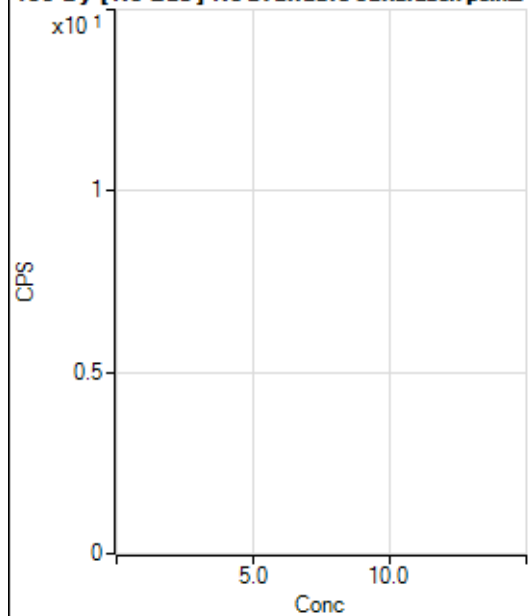
Min Conc: 0

150 Nd [No Gas] No available calibration points

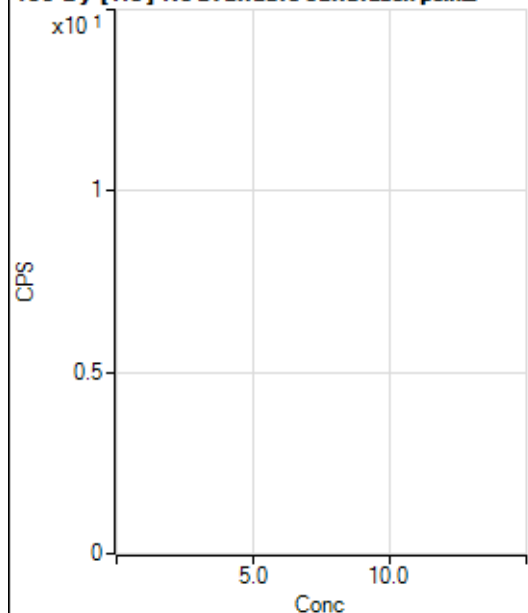
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	101.
2	☐			20.00		P	28.9
3	☐			85.56		P	2.3
4	☐			210.00		P	4.2
5	☐			343.34		P	14.4
6	☐			684.47		P	7.3
7	☐			1305.63		P	2.3
8	☐			378.90		P	7.9

150 Nd [He] No available calibration points

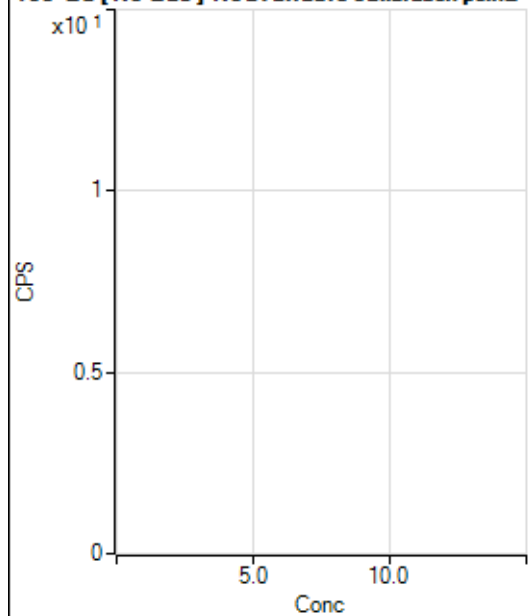
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.
3	☐			2.22		P	173.
4	☐			6.67		P	173.
5	☐			17.78		P	47.2
6	☐			32.22		P	31.6
7	☐			53.33		P	27.2
8	☐			80.00		P	27.3

156 Dy [No Gas] No available calibration points

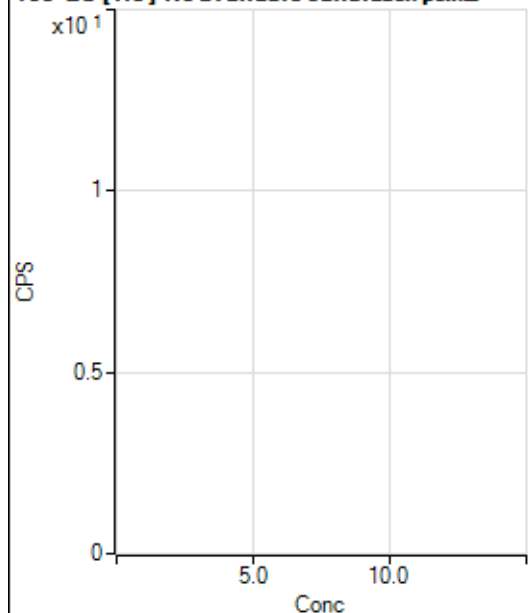
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	12.1
2	☐			34.44		P	34.0
3	☐			41.11		P	12.4
4	☐			86.66		P	17.6
5	☐			112.22		P	23.1
6	☐			213.34		P	9.8
7	☐			406.68		P	5.9
8	☐			706.70		P	8.6

156 Dy [He] No available calibration points

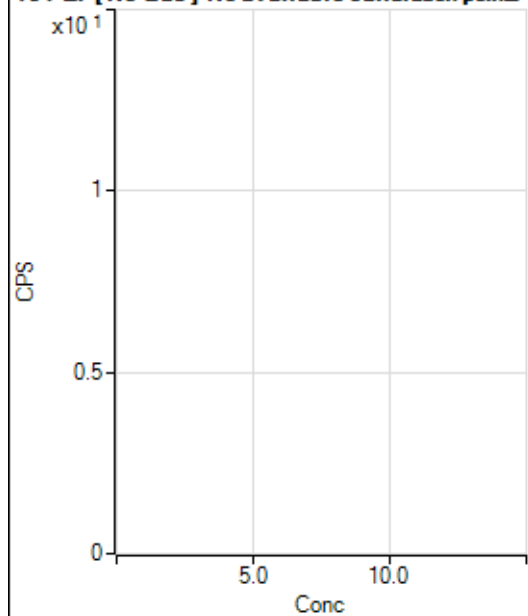
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			3.33		P	100.
3	☐			10.00		P	66.7
4	☐			12.22		P	83.3
5	☐			22.22		P	8.7
6	☐			37.78		P	66.8
7	☐			64.44		P	7.9
8	☐			194.45		P	13.9

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

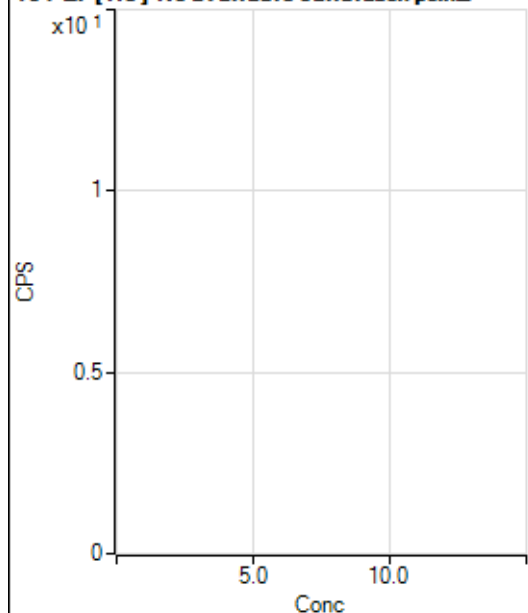
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	16.4
2	☐			124.45		P	16.4
3	☐			137.78		P	3.7
4	☐			147.78		P	11.1
5	☐			167.78		P	18.0
6	☐			224.45		P	11.9
7	☐			271.12		P	5.1
8	☐			755.59		P	5.1

160 Gd [He] No available calibration points

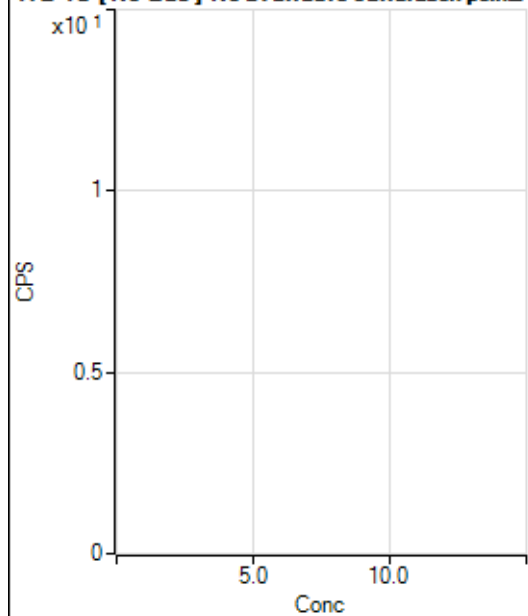
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	44.1
2	☐			37.78		P	13.5
3	☐			25.56		P	71.8
4	☐			30.00		P	38.5
5	☐			45.56		P	18.4
6	☐			45.55		P	23.5
7	☐			56.67		P	31.1
8	☐			245.56		P	5.7

164 Er [No Gas] No available calibration points

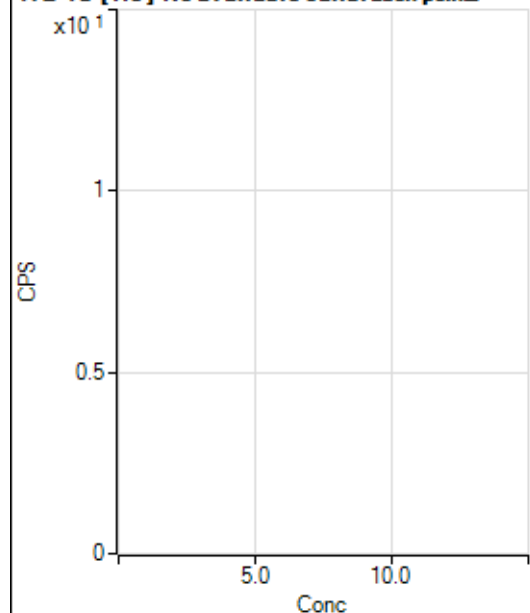
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.22		P	10.2
2	☐			120.00		P	5.6
3	☐			138.89		P	3.7
4	☐			140.00		P	10.4
5	☐			170.00		P	13.6
6	☐			222.23		P	29.3
7	☐			321.12		P	9.4
8	☐			801.14		P	4.3

164 Er [He] No available calibration points

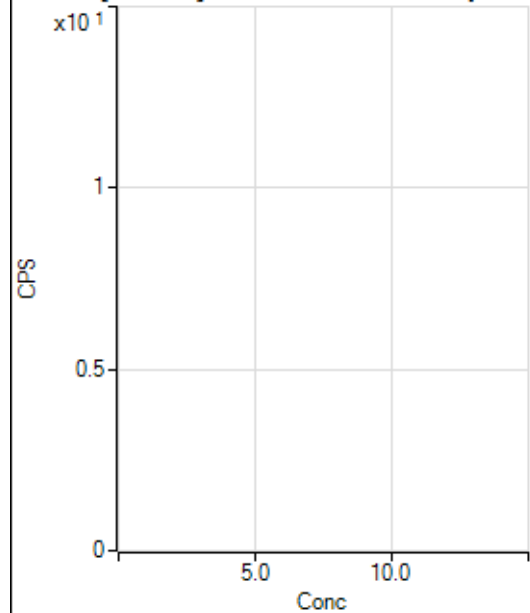
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	41.7
2	☐			34.44		P	24.3
3	☐			46.67		P	25.8
4	☐			44.44		P	11.5
5	☐			51.11		P	16.4
6	☐			65.56		P	15.5
7	☐			95.56		P	23.2
8	☐			267.78		P	14.3

172 Yb [No Gas] No available calibration points

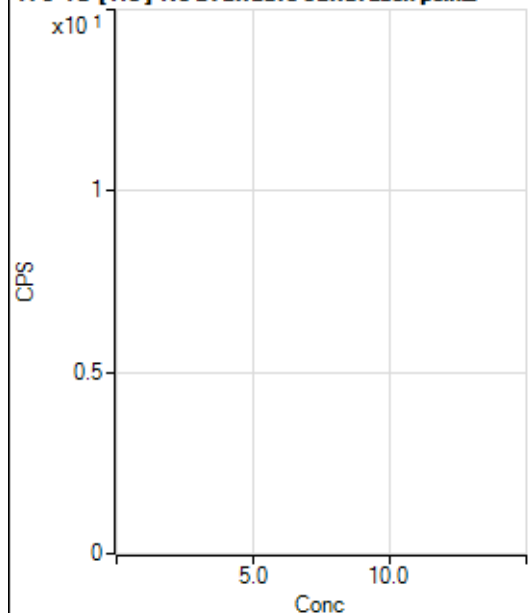
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	20.6
2	☐			118.89		P	19.7
3	☐			134.45		P	23.0
4	☐			156.67		P	18.2
5	☐			164.45		P	12.2
6	☐			208.89		P	19.2
7	☐			326.67		P	12.0
8	☐			885.60		P	4.4

172 Yb [He] No available calibration points

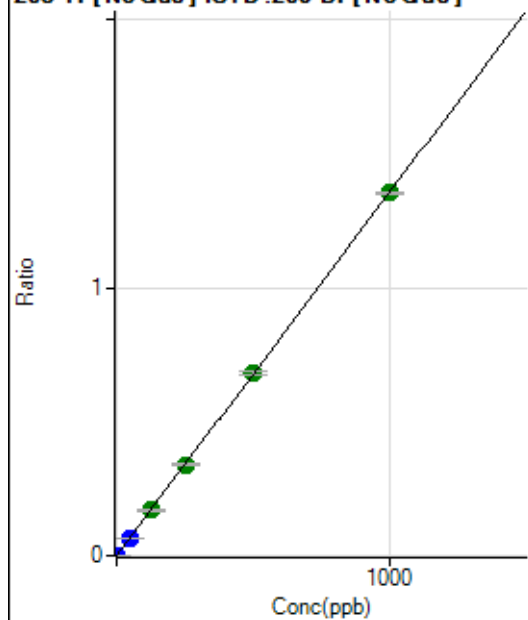
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	44.0
2	☐			43.33		P	7.7
3	☐			52.22		P	9.7
4	☐			48.89		P	23.9
5	☐			52.22		P	25.8
6	☐			73.33		P	28.4
7	☐			132.23		P	15.2
8	☐			362.23		P	2.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2328.01		P	5.8
2	☐			2170.20		P	1.2
3	☐			6607.25		P	0.7
4	☐			13174.45		P	2.2
5	☐			24297.96		P	1.6
6	☐			45661.94		P	1.5
7	☐			90054.38		P	1.1
8	☐			2638.07		P	6.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			357.79		P	11.7
2	☐			384.46		P	13.4
3	☐			1790.14		P	2.7
4	☐			3907.28		P	2.7
5	☐			7299.87		P	1.3
6	☐			13966.37		P	1.3
7	☐			27689.05		P	0.4
8	☐			561.13		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	377.79	0.0000	P	11.6
2	☐	1.000	1.000	20436.15	0.0014	P	1.2
3	☐	50.000	47.117	945690.68	0.0639	P	1.2
4	☐	125.000	125.089	2522799.08	0.1696	A	4.9
5	☐	250.000	249.987	4942240.45	0.3389	A	1.4
6	☐	500.000	502.961	9598739.03	0.6818	A	1.6
7	☐	1000.000	998.656	18900490.69	1.3536	A	0.9
8	☐			1780.16	0.0001	P	7.0

$$y = 0.0014 * x + 2.5279E-005$$

$$R = 1.0000$$

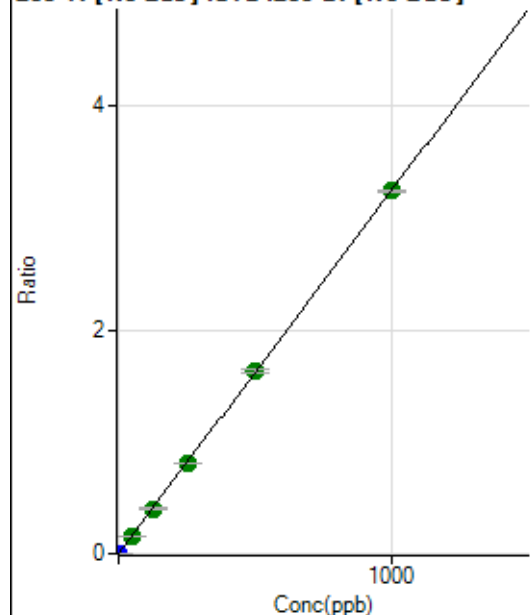
$$DL = 0.006497$$

$$BEC = 0.01865$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1008.94	0.0001	P	6.5
2	☐	1.000	0.996	48809.19	0.0033	P	1.6
3	☐	50.000	49.828	2393000.94	0.1617	A	1.6
4	☐	125.000	123.029	5937577.55	0.3991	A	4.6
5	☐	250.000	247.994	11731669.55	0.8043	A	0.8
6	☐	500.000	502.601	22949860.77	1.6301	A	1.8
7	☐	1000.000	999.456	45258333.21	3.2414	A	0.6
8	☐			4157.42	0.0003	P	8.1

$$y = 0.0032 * x + 6.7523E-005$$

$$R = 1.0000$$

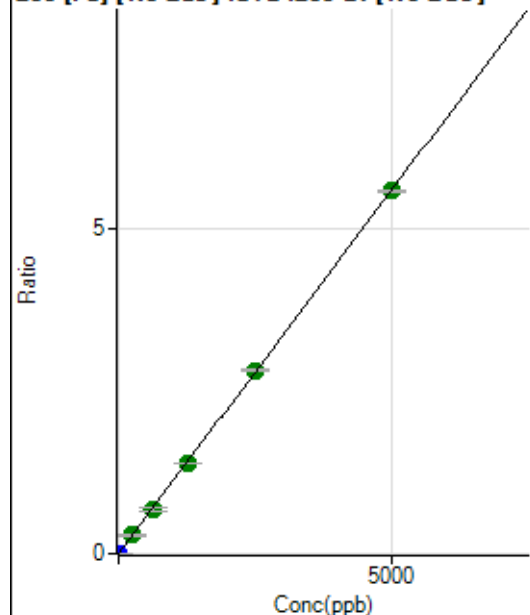
$$DL = 0.004033$$

$$BEC = 0.02082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2895.91	0.0002	P	3.3
2	☐	1.000	0.978	19026.27	0.0013	P	0.9
3	☐	250.000	251.665	4160517.54	0.2811	A	0.8
4	☐	625.000	607.011	10081352.56	0.6777	A	5.1
5	☐	1250.000	1239.252	20175420.25	1.3833	A	1.3
6	☐	2500.000	2526.464	39702646.91	2.8199	A	1.5
7	☐	5000.000	4991.621	77789011.62	5.5712	A	0.4
8	☐			16565.25	0.0014	P	1.3

$$y = 0.0011 * x + 1.9378E-004$$

$$R = 1.0000$$

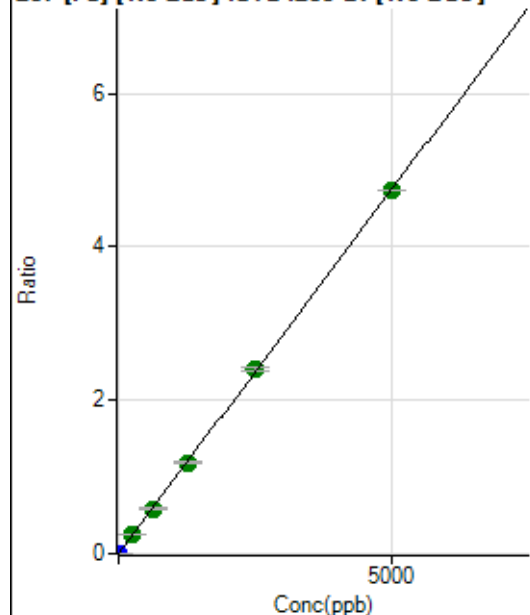
$$DL = 0.01729$$

$$BEC = 0.1736$$

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	2510.27	0.0002	P	1.8
2	☐	1.000	1.007	16624.12	0.0011	P	0.6
3	☐	250.000	254.006	3569676.27	0.2412	A	0.9
4	☐	625.000	613.962	8670242.79	0.5827	A	3.8
5	☐	1250.000	1247.420	17262523.35	1.1837	A	2.1
6	☐	2500.000	2535.168	33865786.16	2.4054	A	2.4
7	☐	5000.000	4984.240	66029972.35	4.7290	A	0.2
8	☐			14011.20	0.0012	P	1.6

$$y = 9.4875E-004 * x + 1.6798E-004$$

$$R = 1.0000$$

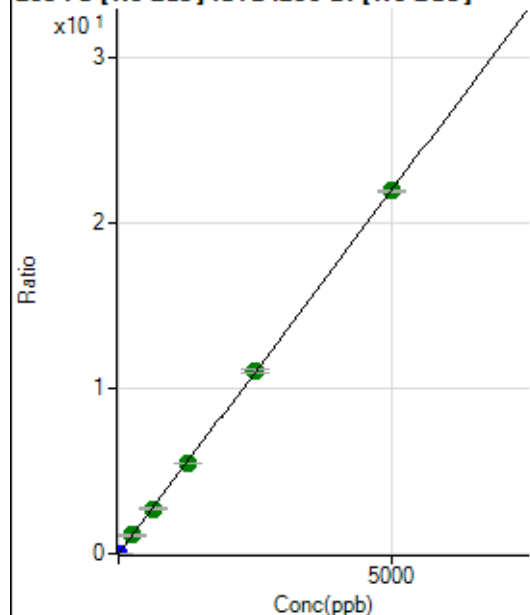
$$DL = 0.009344$$

$$BEC = 0.1771$$

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	11383.18	0.0008	P	1.3
2	☐	1.000	0.983	75300.97	0.0051	P	1.4
3	☐	250.000	251.226	16377347.22	1.1064	A	1.0
4	☐	625.000	610.872	40016048.50	2.6892	A	3.8
5	☐	1250.000	1244.756	79908557.97	5.4790	A	1.4
6	☐	2500.000	2521.619	156256629.0	11.0985	A	2.0
7	☐	5000.000	4992.206	306781798.2	21.9716	A	0.4
8	☐			64312.82	0.0054	P	2.9

$$y = 0.0044 * x + 7.6175E-004$$

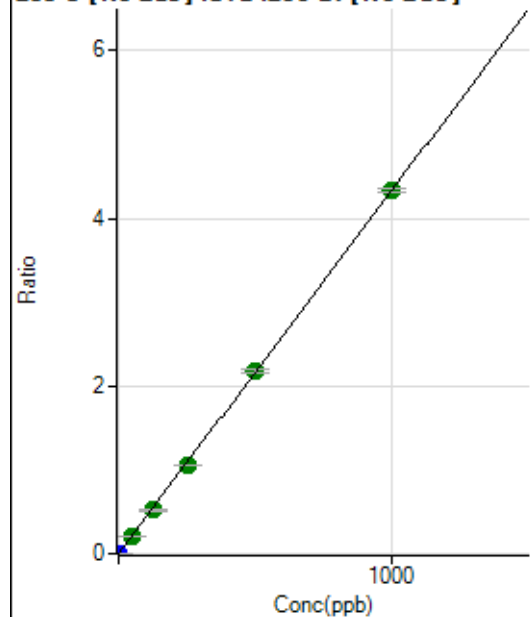
$$R = 1.0000$$

$$DL = 0.006554$$

$$BEC = 0.1731$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	258.89	0.0000	P	9.1
2	☐	1.000	0.942	60608.65	0.0041	P	1.9
3	☐	50.000	49.434	3167643.67	0.2140	A	0.6
4	☐	125.000	120.111	7739218.22	0.5199	A	2.2
5	☐	250.000	244.806	15455078.94	1.0597	A	1.3
6	☐	500.000	503.938	30711592.32	2.1813	A	1.8
7	☐	1000.000	999.969	60435640.21	4.3285	A	1.0
8	☐			3043.78	0.0003	P	10.8

$$y = 0.0043 * x + 1.7323E-005$$

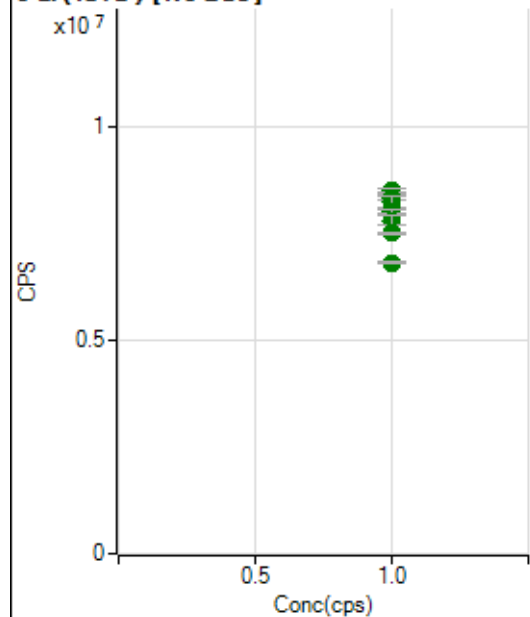
$$R = 1.0000$$

$$DL = 0.001093$$

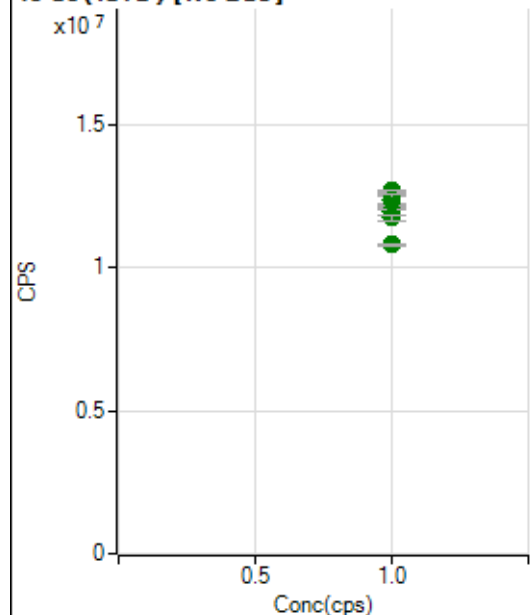
$$BEC = 0.004002$$

Weight: <None>

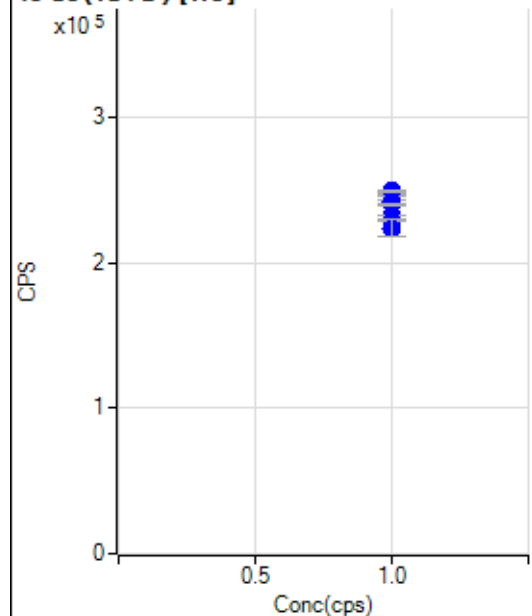
Min Conc: 0

6 Li (ISTD) [No Gas]

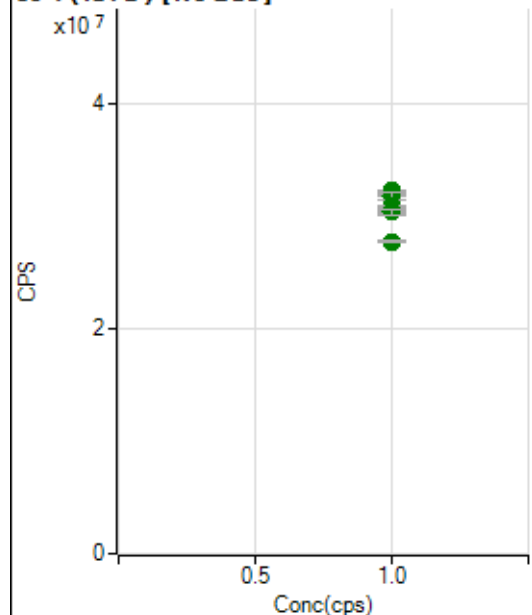
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8457633.23		A	0.5
2	☐	1.000		8515747.42		A	0.9
3	☐	1.000		8363655.55		A	1.2
4	☐	1.000		8279826.23		A	3.3
5	☐	1.000		8030974.48		A	1.3
6	☐	1.000		7826548.20		A	2.6
7	☐	1.000		7525654.41		A	0.5
8	☐	1.000		6832803.46		A	0.6

45 Sc (ISTD) [No Gas]

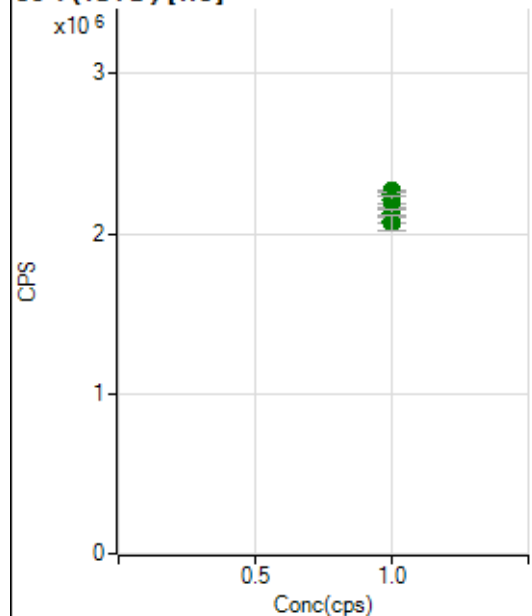
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12695907.17		A	0.7
2	☐	1.000		12593285.09		A	0.8
3	☐	1.000		12676029.39		A	0.6
4	☐	1.000		12411044.40		A	2.3
5	☐	1.000		12151598.85		A	0.3
6	☐	1.000		11947941.07		A	1.7
7	☐	1.000		11748236.49		A	2.0
8	☐	1.000		10801272.55		A	0.9

45 Sc (ISTD) [He]

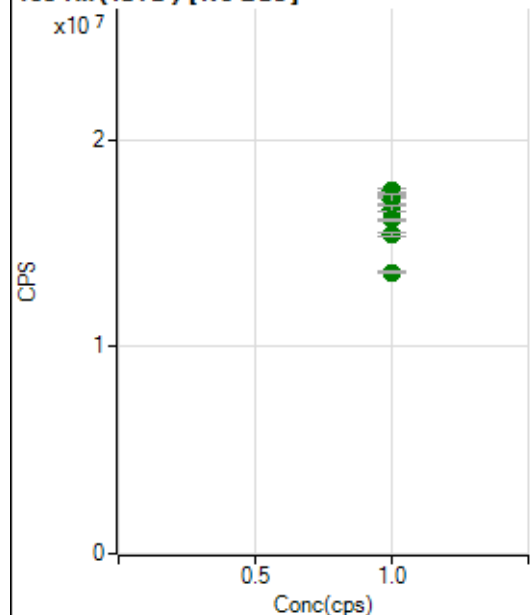
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		246980.12		P	0.3
2	☐	1.000		249595.74		P	0.8
3	☐	1.000		242155.71		P	0.9
4	☐	1.000		240609.49		P	0.6
5	☐	1.000		232559.63		P	0.2
6	☐	1.000		229382.98		P	0.4
7	☐	1.000		229228.33		P	0.6
8	☐	1.000		224187.17		P	5.0

89 Y (ISTD) [No Gas]

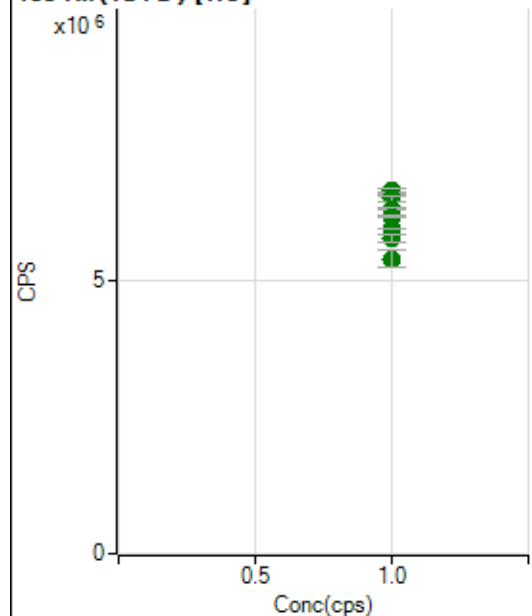
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31843803.69		A	1.1
2	☐	1.000		32202461.74		A	0.2
3	☐	1.000		31859651.75		A	0.9
4	☐	1.000		31757232.31		A	2.4
5	☐	1.000		30831532.04		A	0.9
6	☐	1.000		30318187.05		A	0.5
7	☐	1.000		30326857.33		A	1.4
8	☐	1.000		27676341.53		A	0.7

89 Y (ISTD) [He]

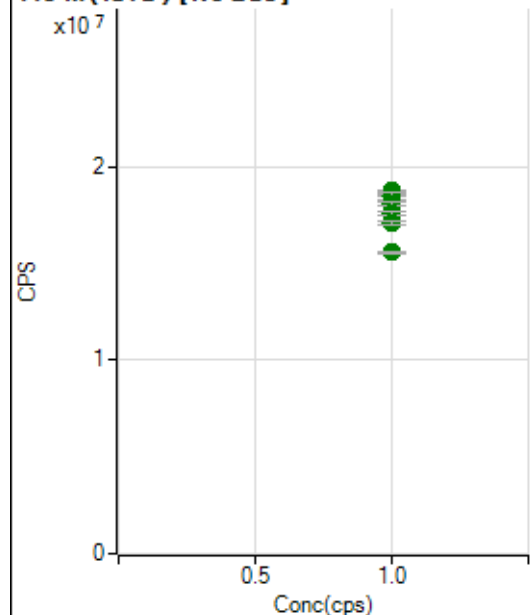
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267323.56		A	0.4
2	☐	1.000		2251925.66		A	1.2
3	☐	1.000		2211214.21		A	1.9
4	☐	1.000		2161848.18		A	0.2
5	☐	1.000		2130046.36		A	1.5
6	☐	1.000		2083406.48		A	2.0
7	☐	1.000		2066930.58		A	0.1
8	☐	1.000		2067791.65		A	5.0

103 Rh (ISTD) [No Gas]

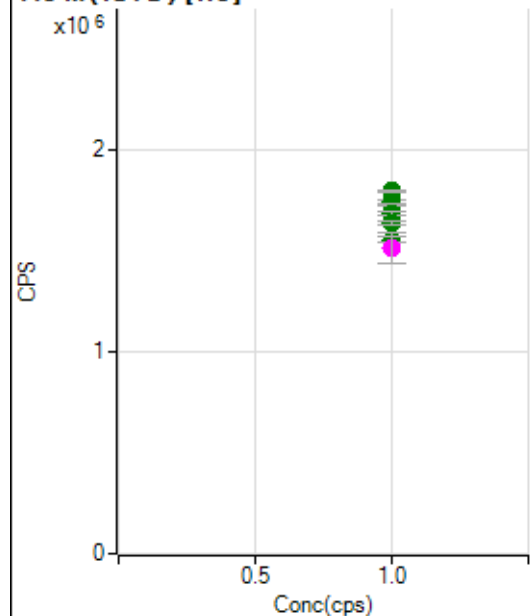
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17548063.07		A	1.4
2	☐	1.000		17489391.55		A	0.4
3	☐	1.000		17220346.27		A	0.5
4	☐	1.000		17148953.22		A	2.8
5	☐	1.000		16686432.81		A	1.4
6	☐	1.000		16159922.54		A	0.7
7	☐	1.000		15406076.99		A	1.2
8	☐	1.000		13599830.91		A	0.4

103 Rh (ISTD) [He]

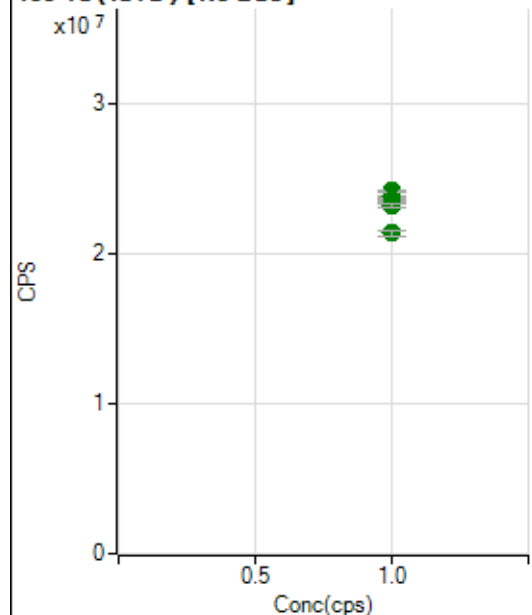
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6602915.59		A	0.4
2	☐	1.000		6647291.15		A	1.2
3	☐	1.000		6508908.24		A	1.8
4	☐	1.000		6313991.02		A	0.5
5	☐	1.000		6175129.49		A	0.6
6	☐	1.000		5962254.70		A	0.2
7	☐	1.000		5781369.08		A	2.0
8	☐	1.000		5405747.14		A	6.4

115 In (ISTD) [No Gas]

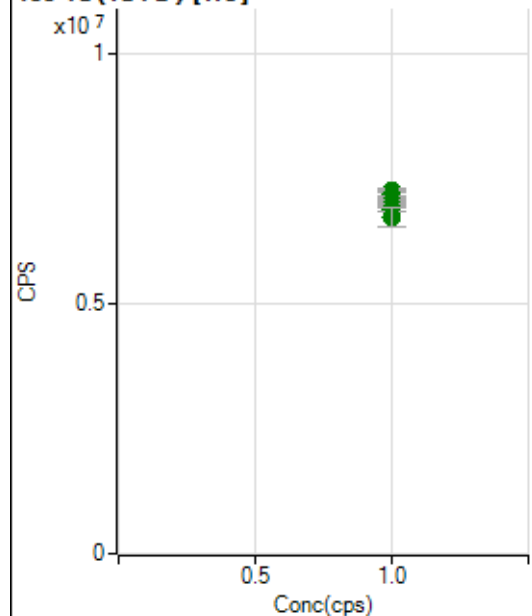
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18632275.74		A	1.3
2	☐	1.000		18738257.20		A	0.7
3	☐	1.000		18551448.75		A	0.4
4	☐	1.000		18490351.63		A	2.2
5	☐	1.000		18087317.86		A	0.7
6	☐	1.000		17592012.14		A	1.1
7	☐	1.000		17104710.78		A	1.0
8	☐	1.000		15569818.68		A	0.6

115 In (ISTD) [He]

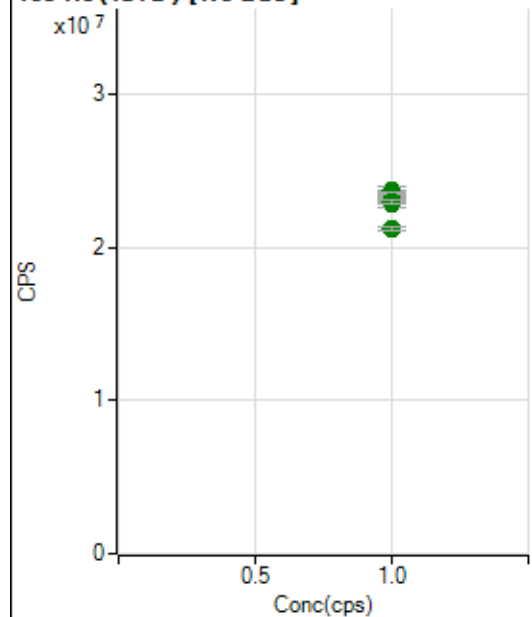
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1794880.41		A	0.6
2	☐	1.000		1791485.48		A	0.3
3	☐	1.000		1741504.91		A	0.7
4	☐	1.000		1729004.90		A	0.3
5	☐	1.000		1681868.09		A	1.0
6	☐	1.000		1638626.33		A	0.9
7	☐	1.000		1554242.28		A	1.5
8	☐	1.000		1512078.63		M	9.6

159 Tb (ISTD) [No Gas]

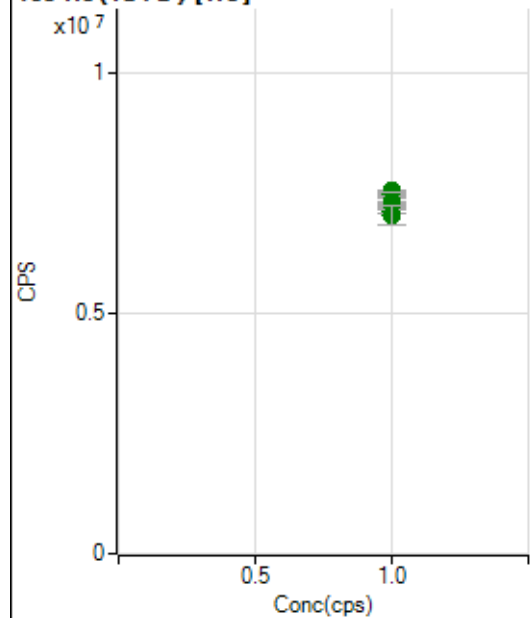
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23787922.42		A	0.5
2	☐	1.000		23634134.93		A	0.6
3	☐	1.000		24217438.25		A	0.2
4	☐	1.000		23925511.59		A	2.0
5	☐	1.000		23593892.98		A	0.6
6	☐	1.000		23300986.88		A	1.4
7	☐	1.000		23246807.15		A	0.9
8	☐	1.000		21383726.76		A	1.9

159 Tb (ISTD) [He]

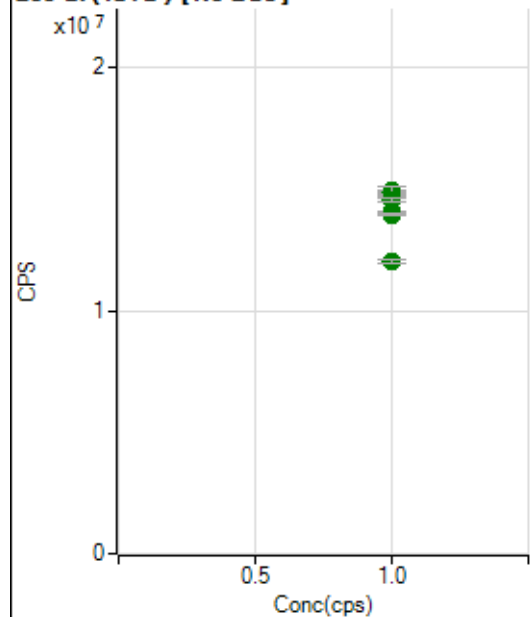
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7220554.82		A	1.1
2	☐	1.000		7268481.76		A	1.1
3	☐	1.000		7200238.09		A	1.8
4	☐	1.000		7169604.82		A	0.4
5	☐	1.000		7050873.58		A	0.5
6	☐	1.000		6990130.24		A	0.4
7	☐	1.000		6897810.87		A	1.0
8	☐	1.000		6744735.73		A	5.5

165 Ho (ISTD) [No Gas]

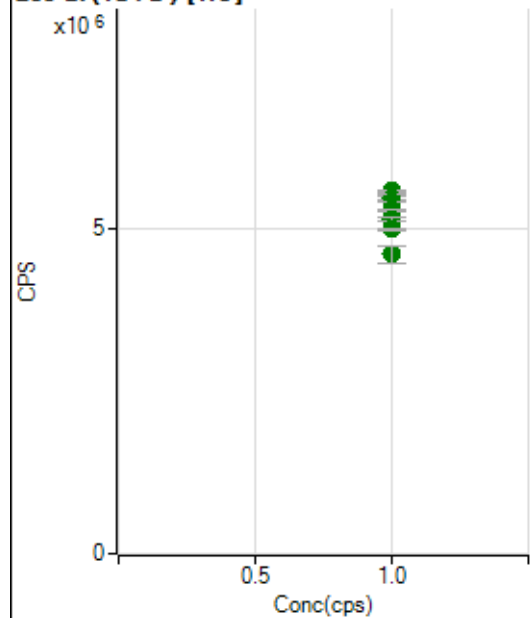
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23143030.49		A	0.7
2	☐	1.000		23348136.59		A	0.9
3	☐	1.000		23520955.48		A	1.2
4	☐	1.000		23673271.31		A	2.0
5	☐	1.000		23536933.81		A	0.9
6	☐	1.000		22810292.16		A	1.8
7	☐	1.000		22977123.54		A	0.8
8	☐	1.000		21188720.10		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7414214.33		A	0.4
2	☐	1.000		7550023.84		A	0.1
3	☐	1.000		7470164.75		A	0.7
4	☐	1.000		7482251.35		A	0.7
5	☐	1.000		7307066.63		A	1.0
6	☐	1.000		7233500.38		A	0.5
7	☐	1.000		7109297.32		A	1.1
8	☐	1.000		7038821.98		A	5.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14943261.72		A	0.2
2	☐	1.000		14802169.36		A	0.4
3	☐	1.000		14802664.36		A	0.5
4	☐	1.000		14891123.53		A	2.9
5	☐	1.000		14585862.70		A	1.0
6	☐	1.000		14080008.96		A	0.5
7	☐	1.000		13962780.76		A	0.5
8	☐	1.000		12009329.27		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535443.87		A	0.5
2	☐	1.000		5589932.70		A	0.8
3	☐	1.000		5492906.58		A	1.5
4	☐	1.000		5417122.98		A	0.4
5	☐	1.000		5293138.32		A	0.3
6	☐	1.000		5152628.95		A	0.8
7	☐	1.000		4998032.56		A	0.4
8	☐	1.000		4612208.44		A	5.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8020725MS-2.b

Acq. Date-Time 2025-02-07 13:47:25

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		34338	343382.65			0.670	5.000
24		344178	3441782.77			0.347	5.000
25		45150	451498.67			0.343	5.000
26		50244	502435.43			0.500	5.000
59		208223	2082231.18			0.389	5.000
113		23805	238050.26			0.491	5.000
115		321519	3215186.38			1.457	5.000
206		75937	759367.55			0.327	5.000
207		65717	657168.81			0.286	5.000
208		163931	1639314.89			0.752	5.000
220		1	5.60			31.819	

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

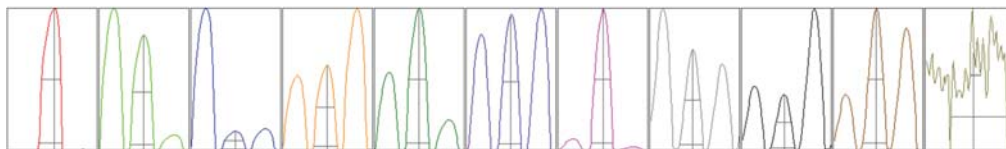
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	34637	34309	34497	34169	34079
24	346105	343545	343833	342990	344419
25	45304	45108	45190	45243	44905
26	50580	50433	50155	50027	50022
59	209163	208220	207518	208885	207329
113	23899	23842	23870	23604	23811
115	328805	321087	321124	315695	320882
206	75747	75830	76365	75931	75810
207	65818	65548	65998	65636	65585
208	165629	163568	164277	162214	163970

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	58333.22	9.10	8.90 - 9.10	
24	586630.19	24.00	23.90 - 24.10	
25	77269.33	25.00	24.90 - 25.10	
26	87974.90	26.00	25.90 - 26.10	
59	378511.10	59.00	58.90 - 59.10	
113	47104.63	113.00	112.90 - 113.10	
115	636707.86	115.05	114.90 - 115.10	
206	150996.36	205.95	205.90 - 206.10	
207	129197.72	206.95	206.90 - 207.10	
208	330385.41	207.95	207.90 - 208.10	
220	0.65	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.776	0.900	
24	0.62	0.787	0.900	
25	0.62	0.792	0.900	
26	0.61	0.788	0.900	
59	0.58	0.778	0.900	
113	0.52	0.754	0.900	
115	0.52	0.735	0.900	
206	0.51	0.785	0.900	
207	0.50	0.790	0.900	
208	0.50	0.803	0.900	
220	0.35	1.850		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 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	9.1 V	Deflect	14.6 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 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	180 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.1 mm	Torch V	1.6 mm

EM

Discriminator	4.0 mV	Analog HV	2182 V	Pulse HV	1085 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		38304	383036.49			0.296	
89		37420	374200.52			0.851	
205		38979	389794.26			0.627	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	38265	38466	38238	38368	38181
89	37666	37521	37247	37714	36952
205	38742	38799	38964	39363	39030

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	9.1 V	Deflect	3.0 V

US EPA Tune Check Report

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 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	103	Axis Gain	0.9959	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.05		
Hardware Settings					
Torch					
Torch H	-0.1 mm	Torch V	1.6 mm		
EM					
Discriminator	4.0 mV	Analog HV	2182 V	Pulse HV	1085 V

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				301		%
Bismuth	209-2				357		%
Bromine	81-1						cps
Cadmium	108-1						ppb
Cadmium	106-1						ppb
Cadmium	111-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				305		%
Holmium	165-2				369		%
Indium	115-1				294		%
Indium	115-2				351		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb
Krypton	83-1						cps
Lead	206-1						ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				302		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				286		%
Rhodium	103-2				356		%
Scandium	45-1				282		%
Scandium	45-2				349		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				300		%
Terbium	159-2				362		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb
Titanium	47-1						ppb
Uranium	238-1						ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				290		%
Yttrium	89-2				345		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	0.09	0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.21	-0.37	0.16	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.03	0.01	0.00	N/A	ppb
Calcium	43-1	-0.03	-0.05	0.08	0.00	N/A	ppb
Calcium	44-1	-0.26	0.29	-0.04	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.04	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.31	0.03	0.27	0.00	N/A	ppb
Iron	56-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Iron	57-2	-0.22	0.01	0.21	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	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	0.38	0.34	-0.72	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.02	0.00	N/A	ppb
Phosphorus	31-2	-15.90	-11.62	-16.74	-14.75		ppb
Potassium	39-2	0.34	-0.03	-0.30	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	-0.07	0.09	0.00	N/A	ppb
Selenium	77-2	-0.22	-0.22	0.45	0.00	N/A	ppb
Selenium	78-2	-0.14	0.67	-0.53	0.00	N/A	ppb
Silicon	28-1	-0.09	-0.03	0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.87	1.30	-0.43	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	424.96	334.09	309.77	356.27	17.04	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	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	-0.04	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.16	19.86	19.71	20.24	3.94	ppb
Antimony	121-1	2.17	2.12	2.14	2.14	1.23	ppb
Arsenic	75-2	1.00	1.14	1.34	1.16	14.79	ppb
Barium	135-1	10.43	10.36	10.28	10.36	0.74	ppb
Barium	137-1	10.43	10.55	10.53	10.51	0.61	ppb
Beryllium	9-1	1.04	1.03	1.06	1.05	1.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.07	1.08	1.16	1.10	4.50	ppb
Cadmium	106-1	1.25	1.45	0.92	1.21	21.88	ppb
Cadmium	111-1	1.15	1.20	1.13	1.16	3.07	ppb
Calcium	43-1	530.20	528.34	517.94	525.49	1.26	ppb
Calcium	44-1	525.95	535.15	519.54	526.88	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.05	2.17	2.09	3.16	ppb
Cobalt	59-2	1.10	1.11	1.11	1.11	0.54	ppb
Copper	63-2	2.15	2.19	2.16	2.17	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	58.36	57.80	58.47	58.21	0.62	ppb
Iron	56-2	57.21	56.67	57.41	57.09	0.67	ppb
Iron	57-2	55.83	55.40	58.16	56.46	2.63	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.97	0.99	0.98	1.06	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.00	1.00	1.01	0.76	ppb
Lead	208-1	0.98	0.97	1.00	0.98	1.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	558.88	542.62	545.69	549.06	1.57	ppb
Manganese	55-2	0.98	0.90	1.02	0.97	6.52	ppb
Molybdenum	94-1	5.88	5.98	6.09	5.98	1.72	ppb
Molybdenum	95-1	4.98	5.14	5.11	5.08	1.69	ppb
Molybdenum	96-1	5.04	5.17	5.22	5.14	1.83	ppb
Molybdenum	97-1	5.10	5.05	5.05	5.07	0.62	ppb
Molybdenum	98-1	4.93	5.05	4.95	4.98	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.02	1.02	1.00	2.97	ppb
Phosphorus	31-2	14.83	18.98	10.44	14.75	28.98	ppb
Potassium	39-2	534.98	521.35	531.93	529.42	1.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.48	5.24	4.86	5.19	6.04	ppb
Selenium	77-2	2.46	5.80	1.15	3.14	76.51	ppb
Selenium	78-2	4.23	6.00	5.35	5.19	17.17	ppb
Silicon	28-1	6.94	7.47	6.43	6.95	7.51	ppb
Silver	107-1	1.05	1.07	1.04	1.06	1.38	ppb
Silver	109-1	1.04	1.05	1.04	1.05	0.63	ppb
Sodium	23-2	566.02	548.35	557.13	557.17	1.59	ppb
Strontium	86-1	0.99	1.04	0.98	1.00	3.07	ppb
Strontium	88-1	1.04	1.03	1.02	1.03	1.12	ppb
Sulfur	34-1	-650.46	326.72	-745.08	-356.27		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	1.00	1.01	0.99	1.00	1.25	ppb
Thallium	205-1	0.99	0.98	1.01	1.00	1.61	ppb
Tin	118-1	5.39	5.35	5.37	5.37	0.34	ppb
Titanium	47-1	5.39	5.32	5.13	5.28	2.55	ppb
Uranium	238-1	0.93	0.93	0.96	0.94	1.92	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.26	5.24	5.15	5.22	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5.19	5.31	5.04	5.18	2.61	ppb
Zirconium	90-1	0.97	0.99	1.01	0.99	1.95	ppb
Zirconium	91-1	0.97	1.04	0.95	0.99	4.50	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1025.87	1023.52	1020.48	1023.29	0.26	ppb
Antimony	121-1	47.68	47.89	48.37	47.98	0.74	ppb
Arsenic	75-2	49.49	49.94	51.96	50.46	2.60	ppb
Barium	135-1	236.43	239.30	240.35	238.69	0.85	ppb
Barium	137-1	254.33	253.32	251.50	253.05	0.57	ppb
Beryllium	9-1	48.21	49.78	49.76	49.25	1.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	51.77	51.64	51.27	51.56	0.51	ppb
Cadmium	106-1	49.41	51.13	51.87	50.80	2.48	ppb
Cadmium	111-1	49.09	49.53	50.49	49.70	1.43	ppb
Calcium	43-1	4789.03	4780.53	4924.93	4831.50	1.68	ppb
Calcium	44-1	5060.19	5045.42	5120.83	5075.48	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.31	47.70	48.49	48.17	0.86	ppb
Cobalt	59-2	50.64	50.09	50.54	50.43	0.58	ppb
Copper	63-2	536.77	532.16	541.19	536.71	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	2732.74	2702.50	2747.37	2727.54	0.84	ppb
Iron	56-2	2763.86	2761.79	2794.55	2773.40	0.66	ppb
Iron	57-2	2635.93	2651.84	2696.14	2661.31	1.17	ppb
Krypton	83-1						cps
Lead	206-1	249.48	252.27	253.24	251.67	0.77	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	251.41	255.54	255.07	254.01	0.89	ppb
Lead	208-1	248.54	251.86	253.28	251.23	0.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	5565.49	5520.06	5548.04	5544.53	0.41	ppb
Manganese	55-2	494.35	493.66	500.11	496.04	0.71	ppb
Molybdenum	94-1	498.25	507.01	498.43	501.23	1.00	ppb
Molybdenum	95-1	499.46	500.00	496.20	498.55	0.41	ppb
Molybdenum	96-1	496.16	506.89	501.19	501.41	1.07	ppb
Molybdenum	97-1	501.78	506.06	505.60	504.48	0.47	ppb
Molybdenum	98-1	492.39	498.12	493.36	494.62	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.86	47.26	48.28	47.80	1.07	ppb
Phosphorus	31-2	1016.04	1003.08	974.74	997.95	2.12	ppb
Potassium	39-2	2510.84	2512.15	2571.78	2531.59	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	50.26	51.73	50.78	50.92	1.46	ppb
Selenium	77-2	50.38	39.61	65.01	51.67	24.67	ppb
Selenium	78-2	48.52	43.52	50.06	47.37	7.22	ppb
Silicon	28-1	55.73	54.18	58.84	56.25	4.22	ppb
Silver	107-1	49.39	49.97	50.60	49.98	1.21	ppb
Silver	109-1	49.71	51.46	50.82	50.67	1.75	ppb
Sodium	23-2	5600.91	5606.77	5601.78	5603.15	0.06	ppb
Strontium	86-1	47.19	48.15	47.93	47.76	1.05	ppb
Strontium	88-1	50.55	51.13	51.01	50.89	0.60	ppb
Sulfur	34-1	1015.79	886.88	987.92	963.53	7.04	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	46.48	47.24	47.62	47.12	1.23	ppb
Thallium	205-1	49.56	49.20	50.72	49.83	1.59	ppb
Tin	118-1	48.68	49.02	49.42	49.04	0.76	ppb
Titanium	47-1	498.20	505.16	506.39	503.25	0.88	ppb
Uranium	238-1	49.11	49.61	49.58	49.43	0.56	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.56	47.85	48.43	48.28	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	488.78	486.70	503.22	492.90	1.83	ppb
Zirconium	90-1	49.99	51.71	50.99	50.89	1.70	ppb
Zirconium	91-1	47.21	48.32	47.56	47.70	1.18	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2529.62	2555.19	2497.18	2527.33	1.15	ppb
Antimony	121-1	123.53	128.26	130.22	127.34	2.70	ppb
Arsenic	75-2	126.02	125.95	127.14	126.37	0.53	ppb
Barium	135-1	617.36	652.96	639.38	636.56	2.82	ppb
Barium	137-1	615.66	636.29	647.28	633.08	2.54	ppb
Beryllium	9-1	115.57	123.31	122.92	120.60	3.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	124.28	130.25	131.28	128.60	2.94	ppb
Cadmium	106-1	123.88	132.38	133.76	130.01	4.11	ppb
Cadmium	111-1	120.32	126.72	126.72	124.59	2.97	ppb
Calcium	43-1	11758.67	12435.90	12386.01	12193.53	3.10	ppb
Calcium	44-1	12224.31	12941.96	12612.66	12592.98	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.03	120.79	117.67	119.50	1.36	ppb
Cobalt	59-2	124.12	125.52	122.89	124.17	1.06	ppb
Copper	63-2	1310.70	1330.22	1295.49	1312.14	1.33	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	6663.02	6696.46	6577.98	6645.82	0.92	ppb
Iron	56-2	6787.85	6888.37	6736.00	6804.07	1.14	ppb
Iron	57-2	6488.87	6593.18	6493.65	6525.23	0.90	ppb
Krypton	83-1						cps
Lead	206-1	571.52	628.20	621.32	607.01	5.10	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	587.23	622.66	632.00	613.96	3.85	ppb
Lead	208-1	583.92	623.38	625.32	610.87	3.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	13853.44	13536.11	13291.38	13560.31	2.08	ppb
Manganese	55-2	1286.49	1300.50	1274.33	1287.11	1.02	ppb
Molybdenum	94-1	1195.02	1266.66	1272.00	1244.56	3.45	ppb
Molybdenum	95-1	1188.43	1259.02	1285.65	1244.36	4.04	ppb
Molybdenum	96-1	1194.48	1262.47	1281.25	1246.07	3.66	ppb
Molybdenum	97-1	1196.38	1254.16	1282.47	1244.34	3.53	ppb
Molybdenum	98-1	1210.48	1244.65	1257.65	1237.59	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.02	118.53	116.90	118.15	0.94	ppb
Phosphorus	31-2	2465.32	2550.02	2540.59	2518.64	1.84	ppb
Potassium	39-2	6230.40	6346.74	6220.36	6265.83	1.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	125.50	130.91	129.06	128.49	2.14	ppb
Selenium	77-2	144.76	126.50	135.89	135.72	6.73	ppb
Selenium	78-2	129.68	132.43	126.79	129.63	2.17	ppb
Silicon	28-1	130.68	139.31	137.24	135.75	3.32	ppb
Silver	107-1	130.50	135.51	133.58	133.20	1.90	ppb
Silver	109-1	128.11	134.50	134.82	132.48	2.86	ppb
Sodium	23-2	13913.12	13643.12	13723.59	13759.94	1.01	ppb
Strontium	86-1	113.68	120.79	121.85	118.77	3.74	ppb
Strontium	88-1	121.76	126.72	127.34	125.27	2.44	ppb
Sulfur	34-1	2028.70	2487.09	2270.12	2261.97	10.14	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	118.10	129.84	127.33	125.09	4.94	ppb
Thallium	205-1	116.95	128.04	124.10	123.03	4.57	ppb
Tin	118-1	124.66	129.43	130.93	128.34	2.55	ppb
Titanium	47-1	1209.22	1273.37	1280.49	1254.36	3.13	ppb
Uranium	238-1	117.24	120.81	122.29	120.11	2.16	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	118.96	120.77	118.17	119.30	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	1212.84	1228.02	1208.95	1216.60	0.83	ppb
Zirconium	90-1	121.82	125.76	128.73	125.44	2.77	ppb
Zirconium	91-1	114.59	120.23	123.38	119.40	3.73	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5029.76	5132.75	5075.35	5079.29	1.02	ppb
Antimony	121-1	252.62	254.06	253.98	253.55	0.32	ppb
Arsenic	75-2	250.50	252.58	255.85	252.98	1.06	ppb
Barium	135-1	1247.31	1253.22	1271.99	1257.51	1.02	ppb
Barium	137-1	1264.49	1243.56	1269.74	1259.26	1.10	ppb
Beryllium	9-1	250.25	260.90	254.53	255.23	2.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	257.33	257.90	260.42	258.55	0.64	ppb
Cadmium	106-1	254.15	254.82	259.60	256.19	1.16	ppb
Cadmium	111-1	245.15	248.76	250.37	248.10	1.08	ppb
Calcium	43-1	25146.96	25480.22	25648.99	25425.39	1.00	ppb
Calcium	44-1	25289.88	25179.10	25325.07	25264.69	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.62	239.41	239.21	240.08	0.56	ppb
Cobalt	59-2	262.55	260.63	259.81	261.00	0.54	ppb
Copper	63-2	2650.61	2656.94	2580.72	2629.42	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				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	14004.41	14381.80	14442.16	14276.13	1.66	ppb
Iron	56-2	13781.70	13720.64	13591.37	13697.90	0.71	ppb
Iron	57-2	13000.98	13122.68	13047.97	13057.21	0.47	ppb
Krypton	83-1						cps
Lead	206-1	1222.13	1253.98	1241.65	1239.25	1.30	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1226.35	1277.15	1238.76	1247.42	2.12	ppb
Lead	208-1	1233.68	1264.40	1236.18	1244.76	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	27230.25	27843.80	26917.22	27330.42	1.72	ppb
Manganese	55-2	2593.78	2581.39	2517.43	2564.20	1.60	ppb
Molybdenum	94-1	2525.76	2522.05	2532.28	2526.70	0.20	ppb
Molybdenum	95-1	2554.04	2522.80	2568.54	2548.46	0.92	ppb
Molybdenum	96-1	2515.94	2543.41	2567.75	2542.37	1.02	ppb
Molybdenum	97-1	2489.09	2597.27	2549.65	2545.34	2.13	ppb
Molybdenum	98-1	2508.07	2554.92	2537.79	2533.59	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	234.08	237.44	234.18	235.23	0.81	ppb
Phosphorus	31-2	5078.97	5202.79	5030.84	5104.20	1.74	ppb
Potassium	39-2	13233.81	13218.49	13404.67	13285.65	0.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	256.72	259.88	261.09	259.23	0.87	ppb
Selenium	77-2	256.92	261.52	263.88	260.77	1.36	ppb
Selenium	78-2	242.85	244.99	257.65	248.50	3.22	ppb
Silicon	28-1	266.62	271.15	271.79	269.85	1.04	ppb
Silver	107-1	265.14	257.08	265.14	262.46	1.77	ppb
Silver	109-1	263.77	260.75	266.38	263.63	1.07	ppb
Sodium	23-2	27632.14	28231.02	27351.26	27738.14	1.62	ppb
Strontium	86-1	255.24	254.71	255.72	255.22	0.20	ppb
Strontium	88-1	255.24	251.01	257.43	254.56	1.28	ppb
Sulfur	34-1	4883.42	4748.36	4864.55	4832.11	1.51	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	247.64	254.00	248.32	249.99	1.40	ppb
Thallium	205-1	249.34	248.94	245.70	247.99	0.81	ppb
Tin	118-1	259.26	262.80	256.61	259.56	1.20	ppb
Titanium	47-1	2484.85	2514.03	2520.96	2506.61	0.76	ppb
Uranium	238-1	243.07	248.35	243.00	244.81	1.25	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	241.69	243.89	241.95	242.51	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	2606.71	2580.05	2559.02	2581.93	0.93	ppb
Zirconium	90-1	251.44	248.91	250.59	250.31	0.52	ppb
Zirconium	91-1	254.32	251.91	259.59	255.27	1.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:38:17	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10084.14	10011.23	9988.24	10027.87	0.50	ppb
Antimony	121-1	505.42	492.68	502.90	500.33	1.35	ppb
Arsenic	75-2	493.28	521.48	510.22	508.33	2.79	ppb
Barium	135-1	2503.18	2464.60	2536.74	2501.51	1.44	ppb
Barium	137-1	2582.03	2494.00	2551.83	2542.62	1.76	ppb
Beryllium	9-1	490.89	508.81	512.94	504.21	2.32	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	512.99	514.05	506.57	511.21	0.79	ppb
Cadmium	106-1	509.86	510.88	505.66	508.80	0.54	ppb
Cadmium	111-1	519.24	509.56	514.33	514.38	0.94	ppb
Calcium	43-1	50244.43	50010.60	52015.60	50756.88	2.16	ppb
Calcium	44-1	50663.98	50285.47	51509.60	50819.68	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.68	512.25	512.09	513.01	0.28	ppb
Cobalt	59-2	516.60	508.16	509.04	511.27	0.91	ppb
Copper	63-2	5170.25	5229.95	5201.71	5200.64	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	27914.59	27746.22	27813.80	27824.87	0.30	ppb
Iron	56-2	27032.64	27216.89	26917.20	27055.58	0.56	ppb
Iron	57-2	27911.84	27490.42	27608.53	27670.26	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2484.56	2533.53	2561.30	2526.46	1.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:38:17	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2464.63	2563.79	2577.08	2535.17	2.42	ppb
Lead	208-1	2463.06	2541.31	2560.49	2521.62	2.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	53670.29	54328.22	54198.66	54065.72	0.64	ppb
Manganese	55-2	5102.06	5109.16	5076.40	5095.87	0.34	ppb
Molybdenum	94-1	5000.49	5004.59	5110.92	5038.67	1.24	ppb
Molybdenum	95-1	5097.28	5022.32	5168.01	5095.87	1.43	ppb
Molybdenum	96-1	5146.34	5035.94	5158.38	5113.55	1.32	ppb
Molybdenum	97-1	5092.58	5100.33	5224.92	5139.28	1.45	ppb
Molybdenum	98-1	5030.03	5040.86	5215.65	5095.51	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.31	459.41	460.21	460.31	0.21	ppb
Phosphorus	31-2	10146.61	10053.19	10036.39	10078.73	0.59	ppb
Potassium	39-2	26245.04	26358.30	25988.19	26197.18	0.72	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	506.91	506.20	513.06	508.72	0.74	ppb
Selenium	77-2	489.89	468.76	486.47	481.70	2.35	ppb
Selenium	78-2	496.61	501.55	519.42	505.86	2.37	ppb
Silicon	28-1	519.70	516.76	539.75	525.40	2.38	ppb
Silver	107-1	517.02	513.20	511.03	513.75	0.59	ppb
Silver	109-1	510.81	513.36	509.63	511.27	0.37	ppb
Sodium	23-2	55010.11	56074.35	54698.05	55260.84	1.31	ppb
Strontium	86-1	501.60	513.56	522.49	512.55	2.05	ppb
Strontium	88-1	504.99	516.03	517.93	512.98	1.36	ppb
Sulfur	34-1	9719.65	9788.16	10482.99	9996.93	4.22	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	493.75	508.31	506.82	502.96	1.59	ppb
Thallium	205-1	494.00	502.01	511.79	502.60	1.77	ppb
Tin	118-1	515.00	499.05	503.72	505.92	1.62	ppb
Titanium	47-1	5001.46	5035.67	5154.65	5063.93	1.59	ppb
Uranium	238-1	493.87	506.33	511.61	503.94	1.81	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:38:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	513.20	505.46	503.39	507.35	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	5055.38	5020.65	5051.72	5042.59	0.38	ppb
Zirconium	90-1	494.17	503.51	507.08	501.59	1.33	ppb
Zirconium	91-1	513.72	505.69	514.66	511.36	0.96	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20830.40	20580.72	20784.12	20731.75	0.64	ppb
Antimony	121-1	994.69	1009.66	991.90	998.75	0.96	ppb
Arsenic	75-2	1006.73	990.73	987.23	994.90	1.05	ppb
Barium	135-1	4910.63	5003.57	5075.27	4996.49	1.65	ppb
Barium	137-1	4919.63	4982.16	5023.84	4975.21	1.05	ppb
Beryllium	9-1	997.58	990.24	1003.71	997.17	0.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	982.27	1001.09	991.83	991.73	0.95	ppb
Cadmium	106-1	976.04	993.39	1010.73	993.39	1.75	ppb
Cadmium	111-1	985.28	996.95	997.83	993.35	0.71	ppb
Calcium	43-1	97740.23	99298.36	100486.41	99175.00	1.39	ppb
Calcium	44-1	96898.13	99756.37	102167.86	99607.46	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	992.63	1008.03	989.61	996.76	0.99	ppb
Cobalt	59-2	994.64	988.17	992.29	991.70	0.33	ppb
Copper	63-2	9923.86	9801.10	9848.21	9857.72	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	54-2	53816.42	54065.17	53821.78	53901.13	0.26	ppb
Iron	56-2	52818.51	53020.76	52453.87	52764.38	0.54	ppb
Iron	57-2	52818.20	52923.25	52732.06	52824.50	0.18	ppb
Krypton	83-1						cps
Lead	206-1	4971.50	4989.86	5013.50	4991.62	0.42	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4988.65	4988.60	4975.47	4984.24	0.15	ppb
Lead	208-1	4974.36	5011.32	4990.94	4992.21	0.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	104240.77	104002.81	106819.12	105020.90	1.49	ppb
Manganese	55-2	9887.47	10014.08	9893.18	9931.57	0.72	ppb
Molybdenum	94-1	9766.95	10120.78	10036.10	9974.61	1.85	ppb
Molybdenum	95-1	9683.98	10084.70	10053.51	9940.73	2.24	ppb
Molybdenum	96-1	9696.39	10020.34	10082.43	9933.05	2.09	ppb
Molybdenum	97-1	9705.35	10010.15	10043.03	9919.51	1.88	ppb
Molybdenum	98-1	9673.65	10101.81	10061.54	9945.67	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.87	1028.45	1029.19	1024.50	0.73	ppb
Phosphorus	31-2	19926.34	19880.09	19990.63	19932.36	0.28	ppb
Potassium	39-2	50810.84	51492.93	51625.04	51309.60	0.85	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	973.48	1006.75	998.31	992.85	1.74	ppb
Selenium	77-2	1035.89	991.03	988.20	1005.04	2.66	ppb
Selenium	78-2	1015.36	977.23	998.40	997.00	1.92	ppb
Silicon	28-1	964.07	970.95	1007.11	980.71	2.36	ppb
Silver	107-1	977.77	993.08	996.11	988.99	0.99	ppb
Silver	109-1	978.66	1006.37	984.94	989.99	1.47	ppb
Sodium	23-2	108761.27	108303.62	107668.74	108244.54	0.51	ppb
Strontium	86-1	971.78	1002.66	1005.50	993.31	1.88	ppb
Strontium	88-1	977.04	1003.89	995.94	992.29	1.39	ppb
Sulfur	34-1	19695.30	19889.11	20640.84	20075.08	2.49	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	999.16	989.70	1007.11	998.66	0.87	ppb
Thallium	205-1	992.83	1005.63	999.92	999.46	0.64	ppb
Tin	118-1	984.11	1005.19	993.54	994.28	1.06	ppb
Titanium	47-1	9754.32	9980.78	10161.93	9965.68	2.05	ppb
Uranium	238-1	990.00	1010.92	998.99	999.97	1.05	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	991.12	1016.12	989.74	998.99	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	9980.58	9920.22	9987.46	9962.75	0.37	ppb
Zirconium	90-1	979.34	1009.56	1008.19	999.03	1.71	ppb
Zirconium	91-1	976.65	1001.21	1003.59	993.82	1.50	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102859.38	102911.80	93766.77	99845.98	5.27	ppb
Antimony	121-1	1.07	1.08	1.06	1.07	0.93	ppb
Arsenic	75-2	0.48	0.46	0.41	0.45	8.39	ppb
Barium	135-1	1.80	1.92	1.85	1.86	3.15	ppb
Barium	137-1	1.81	1.84	1.86	1.84	1.31	ppb
Beryllium	9-1	0.35	0.31	0.26	0.31	14.39	ppb
Bismuth	209-1				80		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	0.54	0.58	0.59	0.57	4.74	ppb
Cadmium	106-1	-0.20	-0.01	0.90	0.23	253.65	ppb
Cadmium	111-1	0.10	0.15	0.19	0.15	30.77	ppb
Calcium	43-1	494591.18	503773.57	501867.35	500077.36	0.97	ppb
Calcium	44-1	493516.33	504559.77	501864.50	499980.20	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.80	2.88	2.62	2.76	4.92	ppb
Cobalt	59-2	2.09	2.01	1.91	2.00	4.54	ppb
Copper	63-2	1.74	1.74	1.56	1.68	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	54-2	255980.97	259780.96	230747.00	248836.31	6.34	ppb
Iron	56-2	257521.32	256898.36	233075.58	249165.08	5.59	ppb
Iron	57-2	252135.17	259850.66	235409.32	249131.72	5.02	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.06	1.05	1.06	1.53	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.07	1.05	1.03	1.05	1.85	ppb
Lead	208-1	1.07	1.05	1.00	1.04	3.37	ppb
Lithium	6-1				81		%
Magnesium	24-2	505882.69	521066.59	468372.90	498440.73	5.44	ppb
Manganese	55-2	4.52	4.43	4.07	4.34	5.46	ppb
Molybdenum	94-1	7.34	7.53	7.23	7.37	2.01	ppb
Molybdenum	95-1	5.44	5.31	5.38	5.38	1.17	ppb
Molybdenum	96-1	5.64	5.67	5.60	5.64	0.64	ppb
Molybdenum	97-1	5.22	5.33	5.21	5.25	1.29	ppb
Molybdenum	98-1	5.24	5.22	5.28	5.25	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	3.19	2.63	2.93	9.60	ppb
Phosphorus	31-2	-3.72	-0.38	-7.13	-3.74		ppb
Potassium	39-2	254265.88	259687.41	234781.63	249578.31	5.25	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				91		%
Selenium	82-1	-0.11	0.16	-0.11	-0.02		ppb
Selenium	77-2	-0.22	0.52	0.47	0.26	162.24	ppb
Selenium	78-2	0.01	-0.47	0.11	-0.11		ppb
Silicon	28-1	17.14	16.59	16.13	16.62	3.05	ppb
Silver	107-1	0.18	0.18	0.35	0.24	41.33	ppb
Silver	109-1	0.18	0.20	0.17	0.18	8.23	ppb
Sodium	23-2	512120.74	519238.13	461592.66	497650.51	6.32	ppb
Strontium	86-1	3.10	3.17	3.13	3.14	1.19	ppb
Strontium	88-1	3.15	3.20	3.16	3.17	0.91	ppb
Sulfur	34-1	-1026.69	-849.07	-760.83	-878.86		ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	0.10	0.08	0.09	0.09	8.47	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	10.06	ppb
Tin	118-1	0.19	0.19	0.19	0.19	1.24	ppb
Titanium	47-1	1.40	1.33	1.37	1.37	2.70	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	11.55	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.27	0.24	0.26	6.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				91		%
Zinc	66-2	4.80	4.91	4.49	4.73	4.66	ppb
Zirconium	90-1	1.67	1.67	1.64	1.66	0.83	ppb
Zirconium	91-1	1.63	1.67	1.66	1.66	1.19	ppb

LB Number : LB134654 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired : 2025-02-07 15:20:39 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	461.91	486.21	481.99	476.70	2.72	ppb
Antimony	121-1	201.71	197.05	195.96	198.24	1.54	ppb
Arsenic	75-2	197.81	206.42	201.66	201.96	2.13	ppb
Barium	135-1	95.80	94.15	93.75	94.57	1.15	ppb
Barium	137-1	95.98	95.12	95.19	95.43	0.50	ppb
Beryllium	9-1	97.08	94.00	96.83	95.97	1.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	128.38	127.59	126.69	127.55	0.66	ppb
Cadmium	106-1	80.62	78.24	77.99	78.95	1.84	ppb
Cadmium	111-1	100.65	98.20	98.15	99.00	1.44	ppb
Calcium	43-1	2133.24	2147.79	2128.32	2136.45	0.47	ppb
Calcium	44-1	2214.50	2163.54	2112.11	2163.39	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.67	98.59	96.59	96.62	2.03	ppb
Cobalt	59-2	98.76	102.22	101.18	100.72	1.76	ppb
Copper	63-2	101.98	105.00	103.41	103.47	1.46	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				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	2107.57	2180.83	2145.03	2144.48	1.71	ppb
Iron	56-2	2100.39	2214.69	2180.29	2165.12	2.71	ppb
Iron	57-2	1994.71	2094.83	2051.75	2047.10	2.45	ppb
Krypton	83-1						cps
Lead	206-1	198.99	197.94	198.07	198.33	0.29	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:20:39	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	190.06	192.66	190.73	191.15	0.71	ppb
Lead	208-1	194.38	192.51	192.21	193.03	0.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	1120.23	1168.45	1144.34	1144.34	2.11	ppb
Manganese	55-2	93.49	96.23	95.84	95.19	1.56	ppb
Molybdenum	94-1	4021.38	3885.43	3872.18	3926.33	2.10	ppb
Molybdenum	95-1	4910.72	4738.79	4802.96	4817.49	1.80	ppb
Molybdenum	96-1	4825.21	4666.22	4691.64	4727.69	1.81	ppb
Molybdenum	97-1	4901.41	4752.55	4806.14	4820.03	1.56	ppb
Molybdenum	98-1	4850.23	4773.85	4744.53	4789.54	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.09	104.99	103.59	103.23	1.91	ppb
Phosphorus	31-2	-17.01	-12.62	-18.36	-16.00		ppb
Potassium	39-2	1889.47	1965.66	1915.88	1923.67	2.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	202.76	202.15	203.10	202.67	0.24	ppb
Selenium	77-2	185.50	225.97	203.74	205.07	9.88	ppb
Selenium	78-2	202.29	213.82	214.06	210.06	3.20	ppb
Silicon	28-1	3.16	2.75	2.63	2.85	9.77	ppb
Silver	107-1	46.48	46.16	46.55	46.39	0.45	ppb
Silver	109-1	47.02	46.07	46.70	46.59	1.04	ppb
Sodium	23-2	2152.83	2258.10	2174.64	2195.19	2.53	ppb
Strontium	86-1	620.60	614.16	608.74	614.50	0.97	ppb
Strontium	88-1	622.17	602.50	610.44	611.71	1.62	ppb
Sulfur	34-1	-1085.53	-1188.56	-1252.11	-1175.40		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	224.53	218.77	221.84	221.71	1.30	ppb
Thallium	205-1	219.16	216.64	219.58	218.46	0.73	ppb
Tin	118-1	0.07	0.07	0.08	0.07	8.23	ppb
Titanium	47-1	0.50	0.46	0.80	0.58	32.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.38	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:20:39	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	92.50	95.38	94.13	94.01	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	184.96	191.25	187.63	187.94	1.68	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	10.20	ppb
Zirconium	91-1	0.09	0.11	0.11	0.10	10.11	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.83	20.38	20.57	19.93	4.78	ppb
Antimony	121-1	2.00	2.05	2.09	2.05	2.39	ppb
Arsenic	75-2	1.05	1.00	1.32	1.12	15.55	ppb
Barium	135-1	9.83	9.92	10.24	10.00	2.14	ppb
Barium	137-1	9.74	10.13	10.42	10.10	3.35	ppb
Beryllium	9-1	1.06	1.03	1.06	1.05	1.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.98	1.11	1.01	1.03	6.57	ppb
Cadmium	106-1	-0.18	-0.03	0.24	0.01	3410.17	ppb
Cadmium	111-1	1.00	0.99	0.99	0.99	0.57	ppb
Calcium	43-1	506.47	521.87	510.45	512.93	1.56	ppb
Calcium	44-1	501.67	509.00	514.04	508.24	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.97	1.93	1.92	3.02	ppb
Cobalt	59-2	1.06	1.13	1.10	1.10	3.51	ppb
Copper	63-2	2.07	2.06	2.07	2.07	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	55.46	56.91	56.21	56.19	1.29	ppb
Iron	56-2	53.70	55.87	54.68	54.75	1.98	ppb
Iron	57-2	53.34	55.72	52.87	53.98	2.83	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.93	0.91	0.93	1.50	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	0.94	0.97	0.96	1.56	ppb
Lead	208-1	0.94	0.94	0.95	0.94	0.55	ppb
Lithium	6-1				95		%
Magnesium	24-2	524.16	545.35	538.33	535.95	2.01	ppb
Manganese	55-2	0.98	0.99	0.96	0.97	1.53	ppb
Molybdenum	94-1	5.84	5.95	6.03	5.94	1.54	ppb
Molybdenum	95-1	4.93	4.92	5.04	4.96	1.28	ppb
Molybdenum	96-1	4.93	5.02	5.11	5.02	1.74	ppb
Molybdenum	97-1	4.85	4.97	5.14	4.99	2.83	ppb
Molybdenum	98-1	4.83	4.97	4.91	4.90	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.11	0.96	1.08	10.67	ppb
Phosphorus	31-2	20.71	18.54	5.19	14.81	56.75	ppb
Potassium	39-2	506.47	523.32	515.60	515.13	1.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	5.10	5.76	5.19	5.35	6.68	ppb
Selenium	77-2	5.35	5.46	6.12	5.64	7.39	ppb
Selenium	78-2	3.61	4.96	4.91	4.49	17.05	ppb
Silicon	28-1	6.62	7.04	7.18	6.94	4.20	ppb
Silver	107-1	0.99	1.02	1.04	1.02	2.45	ppb
Silver	109-1	1.00	1.01	1.05	1.02	2.75	ppb
Sodium	23-2	567.20	586.96	571.71	575.29	1.80	ppb
Strontium	86-1	0.98	1.00	1.00	0.99	0.97	ppb
Strontium	88-1	0.99	0.99	1.01	1.00	1.19	ppb
Sulfur	34-1	-598.15	-469.53	-483.27	-516.99		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.99	0.99	0.97	0.99	1.10	ppb
Thallium	205-1	0.96	0.98	0.98	0.97	0.85	ppb
Tin	118-1	5.03	5.19	5.33	5.18	2.91	ppb
Titanium	47-1	4.95	5.18	5.07	5.07	2.32	ppb
Uranium	238-1	0.89	0.92	0.91	0.91	1.46	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.95	4.96	4.90	4.94	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	5.16	5.09	5.09	5.11	0.87	ppb
Zirconium	90-1	0.98	0.98	0.97	0.98	0.53	ppb
Zirconium	91-1	0.98	0.98	0.95	0.97	1.99	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:49:19	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.67	0.01	-0.41		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	9.47	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	42.35	ppb
Barium	137-1	0.00	0.00	0.01	0.00	168.91	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	92.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	-0.05	0.01	-0.05	-0.03		ppb
Cadmium	106-1	-0.62	-0.99	-0.53	-0.71		ppb
Cadmium	111-1	-0.04	-0.07	-0.04	-0.05		ppb
Calcium	43-1	-0.75	-0.74	-1.17	-0.89		ppb
Calcium	44-1	-0.58	-1.78	0.17	-0.73		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.14	-0.10	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.15	-0.16	-0.14	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	-1.04	-1.50	-1.20	-1.24		ppb
Iron	56-2	-0.98	-0.98	-0.94	-0.97		ppb
Iron	57-2	-0.84	-0.06	-0.90	-0.60		ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:49:19	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.03	-0.03	-0.02	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.03		ppb
Lithium	6-1				95		%
Magnesium	24-2	-1.74	-1.85	-1.64	-1.74		ppb
Manganese	55-2	-0.03	0.00	0.01	-0.01		ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	1358.87	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	67.71	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.49	-0.38	-0.43		ppb
Phosphorus	31-2	-8.11	-18.70	-16.41	-14.41		ppb
Potassium	39-2	6.15	6.35	9.68	7.39	26.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.10	-0.08	-0.52	-0.23		ppb
Selenium	77-2	-0.22	1.18	-0.22	0.24	331.35	ppb
Selenium	78-2	-0.92	-0.92	-0.71	-0.85		ppb
Silicon	28-1	-0.97	-1.09	0.36	-0.56		ppb
Silver	107-1	0.01	0.01	0.00	0.01	39.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.85	ppb
Sodium	23-2	28.22	28.34	28.78	28.45	1.04	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	232.07	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-901.20	-871.34	-490.16	-754.23		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	23.76	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	31.77	ppb
Tin	118-1	0.00	0.00	0.00	0.00	20.09	ppb
Titanium	47-1	0.02	0.01	0.02	0.01	53.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:49:19	DataFile Name :	025CCBE.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				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.04	0.00	-0.11	-0.05		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:52:39	DataFile Name :	026ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100814.52	97224.39	98927.57	98988.82	1.81	ppb
Antimony	121-1	1.09	1.12	1.09	1.10	1.22	ppb
Arsenic	75-2	0.39	0.33	0.18	0.30	37.33	ppb
Barium	135-1	1.46	1.34	1.45	1.42	4.90	ppb
Barium	137-1	1.40	1.37	1.40	1.39	1.43	ppb
Beryllium	9-1	0.28	0.28	0.27	0.28	1.52	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	17.94	16.78	16.96	17.23	3.61	ppb
Cadmium	106-1	-1.93	-1.69	-1.53	-1.71		ppb
Cadmium	111-1	0.48	0.54	0.58	0.53	9.58	ppb
Calcium	43-1	103167.72	101029.59	103171.49	102456.27	1.21	ppb
Calcium	44-1	101920.28	101093.29	103762.52	102258.70	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.52	19.19	19.63	19.44	1.17	ppb
Cobalt	59-2	1.15	1.12	1.19	1.15	2.89	ppb
Copper	63-2	8.04	7.90	8.15	8.03	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				83		%
Iron	54-2	111035.20	110415.73	112292.08	111247.67	0.86	ppb
Iron	56-2	111156.59	110764.70	111899.33	111273.54	0.52	ppb
Iron	57-2	111241.37	110730.51	110846.82	110939.57	0.24	ppb
Krypton	83-1						cps
Lead	206-1	4.72	4.52	4.60	4.61	2.18	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:52:39	DataFile Name :	026ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.29	4.20	4.16	4.22	1.66	ppb
Lead	208-1	4.44	4.30	4.29	4.34	1.83	ppb
Lithium	6-1				88		%
Magnesium	24-2	104177.93	101629.96	102831.54	102879.81	1.24	ppb
Manganese	55-2	7.71	7.75	7.65	7.70	0.66	ppb
Molybdenum	94-1	1661.52	1647.80	1655.12	1654.81	0.41	ppb
Molybdenum	95-1	2045.53	2027.06	2039.10	2037.23	0.46	ppb
Molybdenum	96-1	1982.99	1994.90	1984.57	1987.48	0.33	ppb
Molybdenum	97-1	2013.99	2010.02	2002.56	2008.86	0.29	ppb
Molybdenum	98-1	2008.35	1979.06	2011.65	1999.69	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.51	4.48	4.60	4.53	1.44	ppb
Phosphorus	31-2	104763.52	102699.09	104738.50	104067.04	1.14	ppb
Potassium	39-2	105291.46	104359.23	104800.05	104816.91	0.44	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	-0.15	-0.16	-0.06	-0.12		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.02	-0.69	-0.46	-0.39		ppb
Silicon	28-1	32.91	31.94	32.43	32.43	1.49	ppb
Silver	107-1	0.07	0.07	0.06	0.07	6.94	ppb
Silver	109-1	0.08	0.08	0.07	0.07	7.34	ppb
Sodium	23-2	115275.10	110761.61	112327.35	112788.02	2.03	ppb
Strontium	86-1	33.43	32.48	33.48	33.13	1.69	ppb
Strontium	88-1	35.48	35.78	35.84	35.70	0.53	ppb
Sulfur	34-1	102760.60	100769.02	102354.98	101961.53	1.03	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.11	0.13	0.15	0.13	14.39	ppb
Thallium	205-1	0.11	0.13	0.14	0.13	10.21	ppb
Tin	118-1	0.19	0.20	0.18	0.19	5.74	ppb
Titanium	47-1	2113.59	2072.19	2141.83	2109.20	1.66	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.30	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:52:39	DataFile Name :	026ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.12	0.13	0.13	7.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	11.26	11.43	11.34	11.34	0.77	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	11.07	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	46.92	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100097.64	97974.82	96863.32	98311.92	1.67	ppb
Antimony	121-1	19.34	20.84	20.91	20.36	4.35	ppb
Arsenic	75-2	21.66	21.08	20.45	21.06	2.86	ppb
Barium	135-1	19.58	20.83	20.76	20.39	3.45	ppb
Barium	137-1	20.13	21.26	21.26	20.88	3.13	ppb
Beryllium	9-1	19.65	20.90	21.16	20.57	3.92	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	31.95	34.07	32.54	32.86	3.33	ppb
Cadmium	106-1	13.55	14.80	15.21	14.52	5.95	ppb
Cadmium	111-1	18.80	19.63	20.08	19.50	3.33	ppb
Calcium	43-1	95464.98	100802.06	99535.44	98600.82	2.83	ppb
Calcium	44-1	95193.31	100863.48	100528.86	98861.88	3.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.27	39.54	38.37	39.06	1.56	ppb
Cobalt	59-2	21.54	21.27	20.78	21.20	1.81	ppb
Copper	63-2	28.30	28.30	28.01	28.20	0.58	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				99		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				83		%
Iron	54-2	110607.77	109433.11	108874.35	109638.41	0.81	ppb
Iron	56-2	110243.02	109544.13	109884.49	109890.54	0.32	ppb
Iron	57-2	111349.57	109094.33	108437.07	109626.99	1.39	ppb
Krypton	83-1						cps
Lead	206-1	22.83	24.44	24.53	23.93	4.00	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.23	23.80	23.89	23.31	4.00	ppb
Lead	208-1	22.32	23.87	24.00	23.40	3.99	ppb
Lithium	6-1				89		%
Magnesium	24-2	103892.87	100258.03	100562.22	101571.04	1.99	ppb
Manganese	55-2	27.30	27.49	26.95	27.25	1.00	ppb
Molybdenum	94-1	1563.81	1648.77	1674.09	1628.89	3.55	ppb
Molybdenum	95-1	1917.10	2052.49	2053.67	2007.75	3.91	ppb
Molybdenum	96-1	1889.17	1973.56	1987.79	1950.18	2.73	ppb
Molybdenum	97-1	1924.52	2013.09	2003.28	1980.30	2.45	ppb
Molybdenum	98-1	1938.71	2013.09	1996.83	1982.88	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.39	23.01	22.89	23.10	1.12	ppb
Phosphorus	31-2	104281.16	102630.61	101813.94	102908.57	1.22	ppb
Potassium	39-2	104671.25	103821.45	102640.27	103710.99	0.98	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	21.68	21.14	21.59	21.47	1.36	ppb
Selenium	77-2	26.15	19.99	24.57	23.57	13.59	ppb
Selenium	78-2	19.36	18.56	21.28	19.73	7.09	ppb
Silicon	28-1	27.92	33.10	31.79	30.94	8.72	ppb
Silver	107-1	17.41	18.61	18.61	18.21	3.81	ppb
Silver	109-1	17.57	18.75	18.72	18.34	3.68	ppb
Sodium	23-2	113431.26	111127.82	110580.29	111713.12	1.35	ppb
Strontium	86-1	31.51	33.24	34.11	32.95	4.02	ppb
Strontium	88-1	34.26	35.62	35.88	35.25	2.47	ppb
Sulfur	34-1	94756.06	101652.43	99051.38	98486.62	3.54	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	18.90	20.31	20.48	19.90	4.37	ppb
Thallium	205-1	19.11	20.38	20.36	19.95	3.63	ppb
Tin	118-1	0.19	0.20	0.18	0.19	5.51	ppb
Titanium	47-1	1956.10	2087.09	2064.32	2035.84	3.44	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.97	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.23	19.55	19.62	19.80	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	29.96	29.33	29.38	29.56	1.18	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.35	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	35.66	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50981.55	50883.49	51518.37	51127.80	0.67	ppb
Antimony	121-1	467.50	485.32	481.00	477.94	1.95	ppb
Arsenic	75-2	478.70	471.55	471.96	474.07	0.85	ppb
Barium	135-1	2380.06	2424.11	2440.46	2414.88	1.29	ppb
Barium	137-1	2433.06	2460.50	2442.26	2445.27	0.57	ppb
Beryllium	9-1	490.10	497.28	496.54	494.64	0.80	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	460.58	478.29	467.76	468.88	1.90	ppb
Cadmium	106-1	462.59	473.48	471.78	469.29	1.25	ppb
Cadmium	111-1	464.72	479.36	479.60	474.56	1.80	ppb
Calcium	43-1	241769.17	242702.69	245147.72	243206.53	0.72	ppb
Calcium	44-1	240589.89	245377.25	244011.20	243326.11	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.66	496.61	490.14	493.80	0.67	ppb
Cobalt	59-2	484.64	487.80	476.54	483.00	1.20	ppb
Copper	63-2	4743.22	4627.61	4649.36	4673.40	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	54-2	130779.80	131880.71	129772.78	130811.10	0.81	ppb
Iron	56-2	130296.18	128531.60	128587.53	129138.44	0.78	ppb
Iron	57-2	128878.88	130651.49	128429.63	129320.00	0.91	ppb
Krypton	83-1						cps
Lead	206-1	2468.17	2473.32	2493.74	2478.41	0.55	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2495.50	2429.10	2483.05	2469.21	1.43	ppb
Lead	208-1	2466.61	2445.38	2489.82	2467.27	0.90	ppb
Lithium	6-1				86		%
Magnesium	24-2	254228.87	255278.40	252362.35	253956.54	0.58	ppb
Manganese	55-2	4972.37	4868.41	4871.22	4904.00	1.21	ppb
Molybdenum	94-1	4860.26	5007.93	4919.87	4929.35	1.51	ppb
Molybdenum	95-1	4856.09	5028.56	4931.02	4938.56	1.75	ppb
Molybdenum	96-1	4944.08	5013.13	4941.73	4966.31	0.82	ppb
Molybdenum	97-1	4866.54	4958.45	4936.27	4920.42	0.97	ppb
Molybdenum	98-1	4790.32	4854.69	4934.24	4859.75	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.36	520.98	510.74	517.03	1.06	ppb
Phosphorus	31-2	9729.18	9675.88	9350.97	9585.35	2.14	ppb
Potassium	39-2	126975.57	127281.49	126856.23	127037.76	0.17	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	461.83	479.32	477.18	472.78	2.02	ppb
Selenium	77-2	499.65	453.64	455.82	469.71	5.53	ppb
Selenium	78-2	474.00	464.71	468.03	468.91	1.00	ppb
Silicon	28-1	498.57	501.46	505.31	501.78	0.67	ppb
Silver	107-1	462.47	475.58	474.77	470.94	1.56	ppb
Silver	109-1	461.16	476.87	465.45	467.83	1.74	ppb
Sodium	23-2	264257.60	261574.64	262119.55	262650.60	0.54	ppb
Strontium	86-1	482.48	502.33	492.84	492.55	2.02	ppb
Strontium	88-1	488.73	499.37	489.91	492.67	1.18	ppb
Sulfur	34-1	9747.29	10334.34	10285.08	10122.23	3.22	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	494.15	501.83	500.28	498.75	0.81	ppb
Thallium	205-1	503.69	491.99	502.07	499.25	1.27	ppb
Tin	118-1	479.15	492.04	487.83	486.34	1.35	ppb
Titanium	47-1	4885.18	5047.15	4931.60	4954.64	1.68	ppb
Uranium	238-1	500.18	498.76	510.47	503.14	1.27	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.66	498.42	491.26	496.45	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4577.57	4607.64	4541.31	4575.51	0.73	ppb
Zirconium	90-1	486.36	505.84	496.99	496.39	1.97	ppb
Zirconium	91-1	491.26	509.76	496.54	499.19	1.91	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.46	1.29	0.93	1.23	22.11	ppb
Antimony	121-1	0.16	0.14	0.13	0.15	10.27	ppb
Arsenic	75-2	0.02	-0.01	0.01	0.01	177.24	ppb
Barium	135-1	0.14	0.17	0.11	0.14	20.32	ppb
Barium	137-1	0.18	0.13	0.11	0.14	25.21	ppb
Beryllium	9-1	0.17	0.16	0.14	0.16	10.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.04	0.04	0.05	22.40	ppb
Cadmium	106-1	-0.25	-0.20	-0.67	-0.37		ppb
Cadmium	111-1	0.03	0.04	-0.03	0.01	339.46	ppb
Calcium	43-1	15.08	14.06	13.43	14.19	5.85	ppb
Calcium	44-1	18.60	16.65	12.99	16.08	17.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.11	-0.08	-0.10		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	3.82	ppb
Copper	63-2	0.09	0.06	0.08	0.07	18.10	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				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	4.20	4.00	3.62	3.94	7.43	ppb
Iron	56-2	4.66	3.87	3.69	4.08	12.70	ppb
Iron	57-2	4.23	4.67	4.14	4.34	6.54	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.30	0.26	0.29	10.27	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.30	0.24	0.29	15.34	ppb
Lead	208-1	0.32	0.29	0.24	0.29	13.03	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.29	-0.16	0.64	0.93	134.79	ppb
Manganese	55-2	0.29	0.21	0.21	0.23	19.96	ppb
Molybdenum	94-1	0.41	0.35	0.28	0.35	18.06	ppb
Molybdenum	95-1	0.38	0.32	0.26	0.32	19.34	ppb
Molybdenum	96-1	0.38	0.34	0.26	0.33	19.80	ppb
Molybdenum	97-1	0.37	0.33	0.25	0.31	19.42	ppb
Molybdenum	98-1	0.36	0.31	0.25	0.31	16.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.35	-0.30	-0.32		ppb
Phosphorus	31-2	-15.35	-16.16	-15.04	-15.52		ppb
Potassium	39-2	64.98	63.08	63.42	63.83	1.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.08	0.05	0.02	0.00		ppb
Selenium	77-2	0.48	0.49	0.50	0.49	2.85	ppb
Selenium	78-2	-0.71	0.14	-0.48	-0.35		ppb
Silicon	28-1	0.27	0.11	0.25	0.21	40.42	ppb
Silver	107-1	0.08	0.06	0.06	0.07	14.97	ppb
Silver	109-1	0.09	0.07	0.06	0.07	21.34	ppb
Sodium	23-2	101.97	97.64	100.75	100.12	2.23	ppb
Strontium	86-1	0.04	0.02	0.02	0.03	52.84	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	18.55	ppb
Sulfur	34-1	-890.95	-895.41	-825.03	-870.46		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.08	0.07	0.08	21.75	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	8.77	ppb
Tin	118-1	0.07	0.07	0.07	0.07	0.57	ppb
Titanium	47-1	0.36	0.30	0.22	0.29	24.36	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	23.49	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	6.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.72	0.85	0.81	0.79	8.52	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	20.32	ppb
Zirconium	91-1	0.05	0.05	0.03	0.04	24.67	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	-0.21	0.36	0.14	218.50	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.05	ppb
Arsenic	75-2	-0.03	0.03	-0.03	-0.01		ppb
Barium	135-1	0.02	0.02	0.02	0.02	12.20	ppb
Barium	137-1	0.01	0.00	0.01	0.01	56.67	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	18.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.04	-0.01	0.01	314.53	ppb
Cadmium	106-1	-0.79	-0.86	-1.60	-1.08		ppb
Cadmium	111-1	-0.06	-0.05	-0.11	-0.07		ppb
Calcium	43-1	0.03	-0.94	-1.19	-0.70		ppb
Calcium	44-1	0.61	0.57	-0.05	0.38	98.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.07	-0.10	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.03	-0.03	-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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	1.17	1.14	-0.11	0.74	99.11	ppb
Iron	56-2	1.11	1.07	1.21	1.13	6.44	ppb
Iron	57-2	1.36	1.37	1.04	1.26	15.16	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.15	0.17	8.85	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.18	0.16	0.18	11.79	ppb
Lead	208-1	0.19	0.18	0.16	0.17	9.31	ppb
Lithium	6-1				94		%
Magnesium	24-2	-4.01	-4.23	-5.10	-4.45		ppb
Manganese	55-2	0.00	0.03	0.02	0.02	72.93	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.01	119.23	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	68.90	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	35.65	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.01	54.88	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.33	-0.41	-0.36		ppb
Phosphorus	31-2	-15.89	-12.06	-19.41	-15.79		ppb
Potassium	39-2	26.92	28.43	25.53	26.96	5.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	-0.04	0.14	-0.01		ppb
Selenium	77-2	1.15	-0.22	-0.22	0.23	338.95	ppb
Selenium	78-2	-0.11	-0.52	-0.71	-0.45		ppb
Silicon	28-1	-0.11	-0.37	-0.36	-0.28		ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.77	ppb
Sodium	23-2	51.51	54.69	51.84	52.68	3.32	ppb
Strontium	86-1	0.01	-0.01	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2434.59	-2391.77	-2395.23	-2407.19		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.08	0.07	0.08	7.60	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	6.89	ppb
Tin	118-1	0.01	0.02	0.01	0.01	33.37	ppb
Titanium	47-1	0.03	0.02	0.01	0.02	66.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.01	-0.02	0.00	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	103.86	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	542.29	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.18	39.70	37.59	41.49	12.14	ppb
Antimony	121-1	3.84	3.78	3.89	3.84	1.35	ppb
Arsenic	75-2	2.43	2.15	2.10	2.23	8.09	ppb
Barium	135-1	18.48	18.55	18.94	18.66	1.34	ppb
Barium	137-1	18.79	18.89	18.97	18.88	0.46	ppb
Beryllium	9-1	1.95	2.03	1.97	1.98	2.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	2.02	1.70	1.74	1.82	9.46	ppb
Cadmium	106-1	0.53	0.87	1.37	0.92	45.97	ppb
Cadmium	111-1	1.88	1.87	2.02	1.92	4.42	ppb
Calcium	43-1	1116.49	1152.37	1142.36	1137.07	1.63	ppb
Calcium	44-1	1029.54	1028.65	1069.48	1042.56	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.05	3.54	3.41	3.67	9.14	ppb
Cobalt	59-2	2.22	1.99	1.87	2.03	8.72	ppb
Copper	63-2	4.93	4.15	4.05	4.38	11.04	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				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	467.82	414.95	387.69	423.49	9.62	ppb
Iron	56-2	462.43	401.80	384.38	416.20	9.84	ppb
Iron	57-2	453.59	391.00	379.36	407.98	9.79	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.88	1.83	1.85	1.33	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.94	1.91	1.93	1.92	0.76	ppb
Lead	208-1	1.89	1.87	1.88	1.88	0.58	ppb
Lithium	6-1				94		%
Magnesium	24-2	1061.94	934.57	882.92	959.81	9.60	ppb
Manganese	55-2	2.16	1.91	1.71	1.93	11.62	ppb
Molybdenum	94-1	10.66	10.97	11.13	10.92	2.20	ppb
Molybdenum	95-1	8.89	9.03	9.29	9.07	2.24	ppb
Molybdenum	96-1	9.14	9.30	9.43	9.29	1.57	ppb
Molybdenum	97-1	9.14	9.28	9.40	9.27	1.41	ppb
Molybdenum	98-1	8.97	9.05	9.22	9.08	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.45	1.33	1.50	14.00	ppb
Phosphorus	31-2	55.74	33.33	23.17	37.41	44.55	ppb
Potassium	39-2	1125.65	979.11	936.71	1013.83	9.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	9.51	10.11	9.65	9.76	3.25	ppb
Selenium	77-2	10.58	9.97	11.59	10.71	7.65	ppb
Selenium	78-2	9.59	5.10	8.96	7.88	30.85	ppb
Silicon	28-1	21.98	22.40	24.18	22.86	5.09	ppb
Silver	107-1	1.92	1.96	1.93	1.94	0.97	ppb
Silver	109-1	1.92	1.94	1.98	1.95	1.41	ppb
Sodium	23-2	1205.80	1026.16	974.54	1068.83	11.36	ppb
Strontium	86-1	422.08	420.60	428.90	423.86	1.04	ppb
Strontium	88-1	417.56	421.06	428.55	422.39	1.33	ppb
Sulfur	34-1	-2174.86	-2114.11	-1821.18	-2036.72		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1.87	1.83	1.85	1.85	0.96	ppb
Thallium	205-1	1.85	1.83	1.87	1.85	1.08	ppb
Tin	118-1	9.48	9.59	9.67	9.58	0.98	ppb
Titanium	47-1	2.31	2.17	2.36	2.28	4.39	ppb
Uranium	238-1	1.68	1.69	1.71	1.70	0.73	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.67	9.41	8.97	9.68	9.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	10.68	8.89	8.76	9.44	11.37	ppb
Zirconium	90-1	1.77	1.84	1.86	1.82	2.38	ppb
Zirconium	91-1	1.75	1.86	1.82	1.81	3.08	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.18	-1.25	-1.30	-1.24		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	178.61	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.07	-0.07	-0.07	-0.07		ppb
Bismuth	209-1				364		%
Bismuth	209-2				387		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.05	-0.06	-0.05		ppb
Cadmium	106-1	-7.19	-7.23	-7.67	-7.37		ppb
Cadmium	111-1	-0.55	-0.55	-0.59	-0.56		ppb
Calcium	43-1	-4.71	-5.82	-5.51	-5.35		ppb
Calcium	44-1	-20.80	-22.78	-22.58	-22.05		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.28	-0.28	-0.27	-0.28		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.51	-0.51	-0.51	-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				378		%
Holmium	165-2				402		%
Indium	115-1				370		%
Indium	115-2				386		%
Iron	54-2	-2.77	-2.87	-2.60	-2.75		ppb
Iron	56-2	-2.09	-2.16	-2.06	-2.10		ppb
Iron	57-2	-1.83	-1.72	-1.69	-1.75		ppb
Krypton	83-1						cps
Lead	206-1	-0.08	-0.12	-0.12	-0.11		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.09	-0.13	-0.12	-0.11		ppb
Lead	208-1	-0.08	-0.12	-0.12	-0.11		ppb
Lithium	6-1				385		%
Magnesium	24-2	-10.05	-10.07	-9.87	-10.00		ppb
Manganese	55-2	-0.08	-0.07	-0.08	-0.08		ppb
Molybdenum	94-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.02	0.00	0.00	0.00	432.48	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	396.03	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	503.67	ppb
Molybdenum	98-1	0.02	0.00	0.00	0.00	252.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.88	-0.90	-0.89	-0.89		ppb
Phosphorus	31-2	-33.72	-33.20	-33.53	-33.48		ppb
Potassium	39-2	-79.93	-81.10	-80.18	-80.40		ppb
Rhodium	103-1				365		%
Rhodium	103-2				392		%
Scandium	45-1				366		%
Scandium	45-2				393		%
Selenium	82-1	-0.25	-0.15	-0.23	-0.21		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.87	-0.97	-0.96	-0.94		ppb
Silicon	28-1	-17.16	-26.45	-25.52	-23.04		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	204.87	ppb
Sodium	23-2	-107.20	-108.31	-107.76	-107.76		ppb
Strontium	86-1	0.22	0.08	0.08	0.12	62.98	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	85.70	ppb
Sulfur	34-1	-9591.21	-9761.81	-9743.87	-9698.97		ppb
Terbium	159-1				375		%
Terbium	159-2				395		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.10	-0.10	-0.10	-0.10		ppb
Titanium	47-1	-0.02	-0.04	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-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				370		%
Yttrium	89-2				386		%
Zinc	66-2	-0.28	-0.32	-0.30	-0.30		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	378.04	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11461.14	11395.81	11523.83	11460.26	0.56	ppb
Antimony	121-1	0.40	0.39	0.39	0.39	1.97	ppb
Arsenic	75-2	28.19	27.47	27.91	27.86	1.30	ppb
Barium	135-1	115.88	116.52	117.11	116.51	0.53	ppb
Barium	137-1	117.47	117.31	118.18	117.66	0.40	ppb
Beryllium	9-1	0.50	0.52	0.53	0.52	2.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.22	0.24	0.32	0.26	20.74	ppb
Cadmium	106-1	-0.42	-1.17	-1.23	-0.94		ppb
Cadmium	111-1	0.06	-0.01	-0.02	0.01	443.39	ppb
Calcium	43-1	2740.73	2782.34	2837.40	2786.82	1.74	ppb
Calcium	44-1	2922.49	2901.24	3011.66	2945.13	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.39	25.28	25.47	25.38	0.38	ppb
Cobalt	59-2	14.28	14.30	14.41	14.33	0.51	ppb
Copper	63-2	48.48	48.25	48.76	48.50	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	34478.25	33711.73	34358.60	34182.86	1.21	ppb
Iron	56-2	33097.97	33445.89	33760.82	33434.89	0.99	ppb
Iron	57-2	33306.42	33356.31	33968.15	33543.63	1.10	ppb
Krypton	83-1						cps
Lead	206-1	12.00	12.40	12.17	12.19	1.63	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	11.52	11.98	11.87	11.79	2.07	ppb
Lead	208-1	11.84	12.09	11.93	11.96	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	6006.56	5824.55	5968.43	5933.18	1.62	ppb
Manganese	55-2	238.81	238.96	243.57	240.45	1.13	ppb
Molybdenum	94-1	1.24	1.78	1.16	1.39	24.11	ppb
Molybdenum	95-1	0.47	0.52	0.50	0.50	4.38	ppb
Molybdenum	96-1	0.66	0.59	0.60	0.62	6.35	ppb
Molybdenum	97-1	0.52	0.48	0.47	0.49	4.71	ppb
Molybdenum	98-1	0.48	0.50	0.50	0.49	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.96	35.05	34.85	34.95	0.29	ppb
Phosphorus	31-2	338.32	316.75	319.77	324.95	3.59	ppb
Potassium	39-2	350.00	350.92	362.17	354.36	1.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.11	0.01	0.04	0.05	96.96	ppb
Selenium	77-2	8.35	17.28	16.80	14.14	35.50	ppb
Selenium	78-2	2.39	2.06	2.09	2.18	8.22	ppb
Silicon	28-1	3989.82	3865.48	3918.72	3924.67	1.59	ppb
Silver	107-1	0.21	0.21	0.20	0.21	1.90	ppb
Silver	109-1	0.21	0.20	0.20	0.20	4.61	ppb
Sodium	23-2	96.75	98.02	107.85	100.87	6.03	ppb
Strontium	86-1	25.29	25.73	25.68	25.57	0.93	ppb
Strontium	88-1	26.61	27.13	28.16	27.30	2.89	ppb
Sulfur	34-1	-2520.40	-2846.57	-2887.19	-2751.38		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.14	0.14	0.14	0.64	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	3.71	ppb
Tin	118-1	0.13	0.12	0.12	0.12	6.21	ppb
Titanium	47-1	12.31	12.94	17.77	14.34	20.84	ppb
Uranium	238-1	0.22	0.23	0.22	0.22	2.35	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	31.43	31.09	31.81	31.44	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	65.17	64.31	66.67	65.38	1.82	ppb
Zirconium	90-1	0.48	0.44	0.88	0.60	40.81	ppb
Zirconium	91-1	0.81	0.54	0.45	0.60	31.74	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10894.50	11152.68	11017.67	11021.61	1.17	ppb
Antimony	121-1	0.52	0.54	0.53	0.53	2.20	ppb
Arsenic	75-2	28.16	29.14	27.66	28.32	2.67	ppb
Barium	135-1	116.96	121.02	116.76	118.25	2.03	ppb
Barium	137-1	120.14	120.60	119.45	120.06	0.48	ppb
Beryllium	9-1	0.51	0.51	0.50	0.51	1.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.24	0.24	0.16	0.21	21.42	ppb
Cadmium	106-1	-1.27	-1.29	-1.19	-1.25		ppb
Cadmium	111-1	-0.04	-0.02	0.01	-0.02		ppb
Calcium	43-1	2792.61	2780.77	2855.74	2809.71	1.43	ppb
Calcium	44-1	2970.10	2966.08	2975.68	2970.62	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.75	24.89	24.80	24.81	0.29	ppb
Cobalt	59-2	14.19	14.17	14.10	14.15	0.32	ppb
Copper	63-2	49.39	49.43	48.46	49.09	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	33240.80	32966.90	32743.01	32983.57	0.76	ppb
Iron	56-2	33373.01	32678.86	32813.08	32954.99	1.12	ppb
Iron	57-2	33642.87	32667.62	32926.63	33079.04	1.53	ppb
Krypton	83-1						cps
Lead	206-1	12.38	12.48	12.36	12.41	0.55	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	11.91	11.83	11.78	11.84	0.56	ppb
Lead	208-1	12.04	12.01	12.05	12.04	0.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	5938.92	5954.53	5799.02	5897.49	1.45	ppb
Manganese	55-2	243.51	239.08	240.93	241.17	0.92	ppb
Molybdenum	94-1	1.26	1.28	1.25	1.26	0.99	ppb
Molybdenum	95-1	0.60	0.60	0.59	0.59	0.99	ppb
Molybdenum	96-1	0.68	0.68	0.67	0.68	1.06	ppb
Molybdenum	97-1	0.60	0.60	0.60	0.60	0.26	ppb
Molybdenum	98-1	0.58	0.60	0.58	0.59	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.19	34.46	34.20	34.29	0.45	ppb
Phosphorus	31-2	286.63	315.80	265.00	289.14	8.82	ppb
Potassium	39-2	327.72	318.55	319.72	321.99	1.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.36	0.06	0.24	0.22	67.90	ppb
Selenium	77-2	16.08	18.57	13.53	16.06	15.70	ppb
Selenium	78-2	2.49	3.20	1.92	2.54	25.13	ppb
Silicon	28-1	3059.82	2998.85	3110.13	3056.27	1.82	ppb
Silver	107-1	0.18	0.20	0.20	0.19	5.81	ppb
Silver	109-1	0.18	0.20	0.21	0.20	8.21	ppb
Sodium	23-2	105.65	109.49	107.20	107.45	1.80	ppb
Strontium	86-1	25.14	25.59	25.46	25.40	0.91	ppb
Strontium	88-1	27.46	27.22	27.33	27.34	0.44	ppb
Sulfur	34-1	-2902.85	-2996.63	-2778.02	-2892.50		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.13	0.16	0.14	17.33	ppb
Thallium	205-1	0.12	0.14	0.15	0.14	9.12	ppb
Tin	118-1	0.16	0.16	0.17	0.16	4.19	ppb
Titanium	47-1	10.92	10.83	10.84	10.86	0.46	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	0.52	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	31.42	31.42	31.16	31.33	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	64.42	63.83	63.58	63.94	0.67	ppb
Zirconium	90-1	0.43	0.43	0.43	0.43	0.48	ppb
Zirconium	91-1	0.42	0.42	0.44	0.43	2.96	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2243.94	2203.68	2240.49	2229.37	1.00	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	2.39	ppb
Arsenic	75-2	5.98	5.64	5.57	5.73	3.84	ppb
Barium	135-1	23.20	22.50	23.29	23.00	1.87	ppb
Barium	137-1	23.31	23.13	23.58	23.34	0.96	ppb
Beryllium	9-1	0.09	0.10	0.10	0.10	9.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00	900.41	ppb
Cadmium	106-1	-1.66	-1.24	-1.42	-1.44		ppb
Cadmium	111-1	-0.11	-0.08	-0.08	-0.09		ppb
Calcium	43-1	552.70	560.34	558.98	557.34	0.73	ppb
Calcium	44-1	550.95	559.80	570.34	560.36	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.93	4.88	4.87	4.89	0.69	ppb
Cobalt	59-2	2.87	2.81	2.90	2.86	1.54	ppb
Copper	63-2	9.68	9.67	9.74	9.70	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				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	6395.92	6374.81	6468.06	6412.93	0.76	ppb
Iron	56-2	6731.87	6779.71	6718.03	6743.21	0.48	ppb
Iron	57-2	6369.20	6358.77	6391.86	6373.28	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2.45	2.54	2.47	2.48	1.98	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.37	2.45	2.35	2.39	2.27	ppb
Lead	208-1	2.40	2.48	2.40	2.43	1.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	1108.65	1114.51	1126.82	1116.66	0.83	ppb
Manganese	55-2	48.64	48.30	48.98	48.64	0.70	ppb
Molybdenum	94-1	0.23	0.22	0.24	0.23	2.88	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	3.05	ppb
Molybdenum	96-1	0.11	0.14	0.12	0.12	8.57	ppb
Molybdenum	97-1	0.12	0.10	0.10	0.11	10.55	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.11	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.61	6.53	6.65	6.60	0.89	ppb
Phosphorus	31-2	44.05	43.49	38.24	41.93	7.64	ppb
Potassium	39-2	78.71	72.18	76.99	75.96	4.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.18	-0.02	-0.14	-0.11		ppb
Selenium	77-2	2.53	3.25	2.49	2.75	15.52	ppb
Selenium	78-2	0.09	0.11	-0.32	-0.04		ppb
Silicon	28-1	666.21	658.52	673.62	666.12	1.13	ppb
Silver	107-1	0.05	0.04	0.04	0.04	8.55	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.88	ppb
Sodium	23-2	50.17	48.58	54.05	50.94	5.53	ppb
Strontium	86-1	4.93	5.15	5.04	5.04	2.19	ppb
Strontium	88-1	5.11	5.26	5.20	5.19	1.41	ppb
Sulfur	34-1	-3091.63	-2921.15	-3031.73	-3014.84		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.93	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.68	ppb
Tin	118-1	0.04	0.03	0.03	0.03	22.17	ppb
Titanium	47-1	2.00	2.09	2.17	2.09	4.05	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.16	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	6.14	6.19	6.38	6.23	2.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	12.77	12.91	13.21	12.96	1.74	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	6.90	ppb
Zirconium	91-1	0.08	0.10	0.09	0.09	9.63	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11033.46	10872.89	11236.06	11047.47	1.65	ppb
Antimony	121-1	10.37	10.52	10.80	10.56	2.05	ppb
Arsenic	75-2	31.18	31.13	31.39	31.23	0.44	ppb
Barium	135-1	300.28	305.83	310.27	305.46	1.64	ppb
Barium	137-1	317.54	325.17	329.95	324.22	1.93	ppb
Beryllium	9-1	5.18	5.35	5.52	5.35	3.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	4.71	4.64	5.09	4.81	5.11	ppb
Cadmium	106-1	2.38	2.54	2.67	2.53	5.77	ppb
Cadmium	111-1	4.81	4.90	4.93	4.88	1.28	ppb
Calcium	43-1	3266.01	3228.90	3254.87	3249.93	0.59	ppb
Calcium	44-1	3189.50	3161.76	3200.64	3183.97	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.17	43.26	44.10	43.85	1.15	ppb
Cobalt	59-2	64.04	62.98	64.93	63.98	1.53	ppb
Copper	63-2	73.18	72.03	73.73	72.98	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	32704.93	32207.12	32950.90	32620.98	1.16	ppb
Iron	56-2	32487.59	32252.76	32585.14	32441.83	0.53	ppb
Iron	57-2	33019.04	32443.76	33550.58	33004.46	1.68	ppb
Krypton	83-1						cps
Lead	206-1	13.60	13.66	13.99	13.75	1.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	13.14	13.17	13.41	13.24	1.14	ppb
Lead	208-1	13.33	13.33	13.62	13.43	1.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	5659.43	5736.52	5795.73	5730.56	1.19	ppb
Manganese	55-2	284.38	279.57	287.07	283.67	1.34	ppb
Molybdenum	94-1	43.71	43.77	45.59	44.36	2.41	ppb
Molybdenum	95-1	52.72	52.11	54.34	53.06	2.17	ppb
Molybdenum	96-1	51.88	51.70	53.31	52.30	1.69	ppb
Molybdenum	97-1	52.90	52.82	54.64	53.45	1.92	ppb
Molybdenum	98-1	52.05	51.71	53.66	52.48	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.95	79.96	81.56	80.83	1.00	ppb
Phosphorus	31-2	354.38	290.54	311.65	318.86	10.20	ppb
Potassium	39-2	318.57	318.05	327.97	321.53	1.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	2.32	1.97	2.24	2.17	8.46	ppb
Selenium	77-2	13.42	14.05	17.56	15.01	14.86	ppb
Selenium	78-2	5.32	2.29	3.12	3.58	43.83	ppb
Silicon	28-1	3091.49	3089.65	3117.59	3099.58	0.50	ppb
Silver	107-1	4.88	5.07	5.08	5.01	2.19	ppb
Silver	109-1	4.96	5.13	5.16	5.09	2.11	ppb
Sodium	23-2	96.51	95.66	102.56	98.25	3.83	ppb
Strontium	86-1	991.73	994.20	1005.15	997.03	0.72	ppb
Strontium	88-1	990.58	1007.08	1020.22	1005.96	1.48	ppb
Sulfur	34-1	-3163.48	-3202.13	-3236.56	-3200.72		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	4.67	4.66	4.81	4.71	1.83	ppb
Thallium	205-1	4.68	4.73	4.83	4.75	1.53	ppb
Tin	118-1	0.15	0.12	0.13	0.13	10.30	ppb
Titanium	47-1	10.15	10.33	10.30	10.26	0.94	ppb
Uranium	238-1	0.21	0.22	0.22	0.22	1.50	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	79.11	77.47	80.00	78.86	1.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	110.97	109.20	111.49	110.56	1.09	ppb
Zirconium	90-1	0.40	0.40	0.42	0.41	2.47	ppb
Zirconium	91-1	0.44	0.40	0.43	0.42	4.11	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5661.19	5611.38	5655.51	5642.69	0.48	ppb
Antimony	121-1	0.18	0.19	0.17	0.18	5.93	ppb
Arsenic	75-2	13.77	13.93	13.46	13.72	1.76	ppb
Barium	135-1	56.81	57.68	56.65	57.05	0.97	ppb
Barium	137-1	56.80	57.68	57.64	57.37	0.87	ppb
Beryllium	9-1	0.24	0.25	0.24	0.24	1.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.09	0.12	0.11	17.13	ppb
Cadmium	106-1	-0.97	-1.09	-1.16	-1.07		ppb
Cadmium	111-1	-0.02	-0.04	-0.05	-0.04		ppb
Calcium	43-1	1351.86	1372.88	1366.69	1363.81	0.79	ppb
Calcium	44-1	1433.20	1435.89	1452.61	1440.57	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.36	12.58	12.36	12.43	1.01	ppb
Cobalt	59-2	7.17	7.10	7.17	7.15	0.55	ppb
Copper	63-2	24.26	23.97	24.07	24.10	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	17089.53	16969.42	16692.24	16917.06	1.20	ppb
Iron	56-2	16609.42	16354.69	16617.37	16527.16	0.90	ppb
Iron	57-2	15805.09	15680.61	15714.34	15733.35	0.41	ppb
Krypton	83-1						cps
Lead	206-1	5.82	5.92	5.94	5.89	1.09	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.60	5.65	5.65	5.64	0.50	ppb
Lead	208-1	5.69	5.78	5.81	5.76	1.08	ppb
Lithium	6-1				97		%
Magnesium	24-2	2756.09	2763.55	2757.47	2759.03	0.14	ppb
Manganese	55-2	119.11	119.08	119.02	119.07	0.04	ppb
Molybdenum	94-1	0.52	0.55	4.11	1.73	119.62	ppb
Molybdenum	95-1	0.23	0.24	0.23	0.23	3.07	ppb
Molybdenum	96-1	0.29	0.28	0.29	0.28	2.02	ppb
Molybdenum	97-1	0.23	0.22	0.23	0.23	2.02	ppb
Molybdenum	98-1	0.23	0.24	0.25	0.24	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.04	16.97	16.89	16.97	0.44	ppb
Phosphorus	31-2	136.37	143.40	132.33	137.37	4.08	ppb
Potassium	39-2	166.61	174.00	165.05	168.56	2.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.13	-0.09	-0.31	-0.09		ppb
Selenium	77-2	5.18	7.89	2.43	5.17	52.76	ppb
Selenium	78-2	0.07	2.87	0.84	1.26	114.58	ppb
Silicon	28-1	1925.52	2276.41	1923.48	2041.80	9.95	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.22	ppb
Silver	109-1	0.09	0.10	0.10	0.09	7.98	ppb
Sodium	23-2	57.58	57.96	60.55	58.70	2.75	ppb
Strontium	86-1	12.15	12.46	12.32	12.31	1.28	ppb
Strontium	88-1	12.32	12.47	12.56	12.45	0.97	ppb
Sulfur	34-1	-2798.44	-2950.99	-2928.07	-2892.50		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.06	0.06	0.06	2.93	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	6.48	ppb
Tin	118-1	0.07	0.06	0.06	0.06	8.96	ppb
Titanium	47-1	8.43	5.67	5.21	6.44	27.10	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	1.10	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	15.38	15.43	15.54	15.45	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	31.72	30.90	31.48	31.37	1.35	ppb
Zirconium	90-1	0.23	0.21	0.22	0.22	5.05	ppb
Zirconium	91-1	0.20	0.22	0.21	0.21	4.61	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5505.00	5460.18	5415.73	5460.30	0.82	ppb
Antimony	121-1	0.23	0.26	0.25	0.25	4.38	ppb
Arsenic	75-2	13.67	13.61	14.17	13.82	2.21	ppb
Barium	135-1	56.91	57.19	56.50	56.87	0.60	ppb
Barium	137-1	57.50	58.05	57.59	57.71	0.51	ppb
Beryllium	9-1	0.23	0.22	0.24	0.23	4.73	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.07	0.09	0.10	37.06	ppb
Cadmium	106-1	-0.74	-1.19	-1.56	-1.16		ppb
Cadmium	111-1	-0.01	-0.05	-0.08	-0.05		ppb
Calcium	43-1	1390.79	1413.51	1369.87	1391.39	1.57	ppb
Calcium	44-1	1428.10	1458.04	1449.06	1445.07	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.18	12.03	11.94	12.05	0.99	ppb
Cobalt	59-2	6.95	7.00	7.00	6.98	0.38	ppb
Copper	63-2	23.98	23.67	23.71	23.79	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	16671.02	16259.44	16421.09	16450.52	1.26	ppb
Iron	56-2	16196.23	15946.19	16023.77	16055.40	0.80	ppb
Iron	57-2	15461.36	15286.25	15269.15	15338.92	0.69	ppb
Krypton	83-1						cps
Lead	206-1	5.93	6.04	6.12	6.03	1.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.67	5.81	5.78	5.75	1.27	ppb
Lead	208-1	5.77	5.90	5.93	5.87	1.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	2791.72	2711.66	2727.62	2743.67	1.54	ppb
Manganese	55-2	119.20	117.97	118.42	118.53	0.53	ppb
Molybdenum	94-1	0.60	0.64	0.64	0.63	3.49	ppb
Molybdenum	95-1	0.27	0.28	0.30	0.28	6.46	ppb
Molybdenum	96-1	0.33	0.33	0.33	0.33	0.75	ppb
Molybdenum	97-1	0.27	0.28	0.28	0.28	0.88	ppb
Molybdenum	98-1	0.27	0.28	0.29	0.28	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.67	16.55	16.42	16.55	0.77	ppb
Phosphorus	31-2	150.75	138.63	140.85	143.41	4.50	ppb
Potassium	39-2	154.29	153.28	153.60	153.73	0.34	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.03	0.26	0.42	0.22	105.59	ppb
Selenium	77-2	4.67	6.03	7.46	6.06	23.08	ppb
Selenium	78-2	0.53	1.96	0.73	1.07	71.89	ppb
Silicon	28-1	1501.27	1541.77	1506.52	1516.52	1.45	ppb
Silver	107-1	0.08	0.09	0.08	0.08	0.64	ppb
Silver	109-1	0.08	0.09	0.10	0.09	7.14	ppb
Sodium	23-2	65.20	61.99	64.34	63.84	2.61	ppb
Strontium	86-1	12.22	12.64	12.74	12.53	2.19	ppb
Strontium	88-1	12.42	12.73	12.66	12.60	1.29	ppb
Sulfur	34-1	-2863.70	-2911.74	-3151.52	-2975.65		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.07	0.06	0.06	11.77	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.43	ppb
Tin	118-1	0.08	0.07	0.07	0.08	8.26	ppb
Titanium	47-1	5.56	5.41	5.27	5.41	2.67	ppb
Uranium	238-1	0.10	0.11	0.10	0.10	3.17	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	15.61	15.20	15.38	15.39	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	32.26	30.96	31.22	31.48	2.18	ppb
Zirconium	90-1	0.23	0.21	0.22	0.22	3.20	ppb
Zirconium	91-1	0.21	0.22	0.21	0.21	2.06	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1059.16	1090.89	1087.47	1079.17	1.61	ppb
Antimony	121-1	0.05	0.04	0.04	0.05	19.34	ppb
Arsenic	75-2	2.54	2.65	2.50	2.57	3.01	ppb
Barium	135-1	12.59	10.41	11.26	11.42	9.66	ppb
Barium	137-1	12.97	10.32	11.19	11.49	11.75	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	27.06	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.04	-0.04	-0.03		ppb
Cadmium	106-1	-1.96	-2.06	-1.69	-1.90		ppb
Cadmium	111-1	-0.13	-0.15	-0.12	-0.13		ppb
Calcium	43-1	313.04	250.97	274.20	279.40	11.22	ppb
Calcium	44-1	318.27	250.30	270.09	279.55	12.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.34	2.31	2.27	4.48	ppb
Cobalt	59-2	1.38	1.39	1.45	1.41	2.50	ppb
Copper	63-2	4.48	4.64	4.76	4.63	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	3047.96	3069.68	3087.07	3068.24	0.64	ppb
Iron	56-2	3143.28	3181.38	3284.78	3203.14	2.29	ppb
Iron	57-2	3001.49	3018.55	3074.07	3031.37	1.25	ppb
Krypton	83-1						cps
Lead	206-1	1.42	1.13	1.23	1.26	11.66	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.38	1.06	1.19	1.21	13.31	ppb
Lead	208-1	1.39	1.09	1.21	1.23	12.09	ppb
Lithium	6-1				92		%
Magnesium	24-2	531.10	533.97	545.82	536.96	1.45	ppb
Manganese	55-2	23.25	23.20	23.68	23.38	1.13	ppb
Molybdenum	94-1	0.12	0.10	0.10	0.11	9.90	ppb
Molybdenum	95-1	0.06	0.03	0.03	0.04	35.83	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	9.44	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.20	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	15.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.81	3.00	2.91	2.90	3.26	ppb
Phosphorus	31-2	7.87	17.07	12.29	12.41	37.08	ppb
Potassium	39-2	35.63	33.84	39.21	36.23	7.54	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.06	0.07	-0.08	-0.02		ppb
Selenium	77-2	1.18	0.47	1.16	0.94	43.38	ppb
Selenium	78-2	-0.50	-0.71	-0.51	-0.58		ppb
Silicon	28-1	371.88	290.79	309.44	324.04	13.11	ppb
Silver	107-1	0.02	0.01	0.01	0.02	14.94	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.59	ppb
Sodium	23-2	37.83	36.03	36.34	36.73	2.62	ppb
Strontium	86-1	2.81	2.29	2.51	2.54	10.32	ppb
Strontium	88-1	2.86	2.32	2.52	2.57	10.59	ppb
Sulfur	34-1	-1881.45	-3568.87	-3129.50	-2859.94		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.02	0.03	0.03	21.47	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	25.93	ppb
Tin	118-1	0.05	0.02	0.01	0.02	79.53	ppb
Titanium	47-1	1.14	0.90	0.99	1.01	12.10	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.04	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.01	2.93	2.99	2.98	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	5.98	6.46	6.41	6.29	4.18	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	8.69	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	6.91	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5446.03	5297.76	5376.85	5373.55	1.38	ppb
Antimony	121-1	5.08	5.09	5.25	5.14	1.82	ppb
Arsenic	75-2	15.29	15.24	15.38	15.30	0.46	ppb
Barium	135-1	145.00	148.75	151.05	148.26	2.06	ppb
Barium	137-1	147.01	149.33	152.92	149.75	1.99	ppb
Beryllium	9-1	2.66	2.54	2.54	2.58	2.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	2.40	2.55	2.47	2.47	3.06	ppb
Cadmium	106-1	0.05	-0.54	0.92	0.14	521.16	ppb
Cadmium	111-1	2.19	2.22	2.34	2.25	3.35	ppb
Calcium	43-1	1566.42	1597.65	1629.11	1597.73	1.96	ppb
Calcium	44-1	1575.45	1600.70	1616.28	1597.48	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.07	20.94	21.10	21.04	0.41	ppb
Cobalt	59-2	31.05	31.22	31.01	31.09	0.36	ppb
Copper	63-2	35.44	35.00	35.40	35.28	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	15835.89	16080.49	16040.06	15985.48	0.82	ppb
Iron	56-2	15834.12	15507.23	15834.55	15725.30	1.20	ppb
Iron	57-2	14888.80	14931.00	14782.00	14867.27	0.52	ppb
Krypton	83-1						cps
Lead	206-1	6.61	6.76	6.61	6.66	1.30	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.33	6.40	6.37	6.37	0.54	ppb
Lead	208-1	6.43	6.56	6.44	6.48	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	2662.55	2606.76	2642.29	2637.20	1.07	ppb
Manganese	55-2	137.94	137.48	137.42	137.61	0.21	ppb
Molybdenum	94-1	21.05	21.98	22.07	21.70	2.61	ppb
Molybdenum	95-1	24.89	25.89	26.38	25.72	2.94	ppb
Molybdenum	96-1	25.00	25.53	25.61	25.38	1.32	ppb
Molybdenum	97-1	25.29	25.80	26.29	25.79	1.94	ppb
Molybdenum	98-1	24.66	25.50	26.27	25.47	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.61	39.09	38.94	38.88	0.63	ppb
Phosphorus	31-2	130.13	147.74	152.91	143.59	8.32	ppb
Potassium	39-2	156.31	151.68	155.39	154.46	1.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.80	0.84	1.01	0.88	12.75	ppb
Selenium	77-2	4.63	12.91	8.85	8.79	47.03	ppb
Selenium	78-2	1.75	1.53	1.56	1.61	7.36	ppb
Silicon	28-1	1492.48	1514.46	1501.78	1502.91	0.73	ppb
Silver	107-1	2.36	2.40	2.49	2.42	2.78	ppb
Silver	109-1	2.39	2.39	2.53	2.44	3.27	ppb
Sodium	23-2	58.34	53.95	58.93	57.07	4.77	ppb
Strontium	86-1	485.38	492.45	493.98	490.60	0.93	ppb
Strontium	88-1	488.29	490.31	495.21	491.27	0.72	ppb
Sulfur	34-1	-3290.30	-3160.99	-3086.39	-3179.23		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	2.22	2.31	2.24	2.26	2.22	ppb
Thallium	205-1	2.21	2.28	2.26	2.25	1.64	ppb
Tin	118-1	0.07	0.08	0.08	0.08	7.69	ppb
Titanium	47-1	4.93	4.98	5.18	5.03	2.68	ppb
Uranium	238-1	0.10	0.11	0.10	0.10	4.56	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	38.44	38.09	37.96	38.16	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	54.49	52.68	53.66	53.61	1.70	ppb
Zirconium	90-1	0.20	0.20	0.20	0.20	1.03	ppb
Zirconium	91-1	0.20	0.21	0.21	0.21	2.45	ppb

LB Number : LB134654 Operator : Jaswal
 Lab Sample ID : PB166317BL Instrumnet Name : P8
 Client Sample ID : PB166317BL Dilution Factor : 1
 Date & Time Acquired : 2025-02-07 17:10:19 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.43	-0.31	-0.61	-0.45		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.04	0.03	0.02	0.03	35.77	ppb
Barium	137-1	0.00	0.01	0.00	0.00		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.06	-0.03	-0.03		ppb
Cadmium	106-1	-1.59	-1.94	-2.09	-1.87		ppb
Cadmium	111-1	-0.12	-0.14	-0.16	-0.14		ppb
Calcium	43-1	0.11	-0.98	-0.39	-0.42		ppb
Calcium	44-1	-0.59	-0.24	-0.90	-0.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.12	-0.12	-0.13		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.12	-0.07	-0.11	-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				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	-0.49	2.18	-0.88	0.27	611.92	ppb
Iron	56-2	-0.40	-0.09	-0.34	-0.27		ppb
Iron	57-2	0.35	-0.36	-0.03	-0.01		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	106.05	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BL	Instrumnet Name :	P8
Client Sample ID :	PB166317BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:10:19	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	0.01	0.01	73.09	ppb
Lead	208-1	0.01	0.01	0.01	0.01	38.07	ppb
Lithium	6-1				96		%
Magnesium	24-2	-3.06	-2.45	-3.10	-2.87		ppb
Manganese	55-2	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	94-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.44	-0.41	-0.42		ppb
Phosphorus	31-2	-14.68	-11.50	-12.35	-12.84		ppb
Potassium	39-2	2.26	3.64	2.13	2.68	31.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.28	0.24	-0.06	-0.04		ppb
Selenium	77-2	-0.22	0.50	-0.22	0.02	2321.00	ppb
Selenium	78-2	-0.33	-0.27	-0.72	-0.44		ppb
Silicon	28-1	-2.23	-1.66	-1.71	-1.87		ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.97	ppb
Sodium	23-2	22.98	35.64	27.49	28.70	22.35	ppb
Strontium	86-1	0.03	0.01	0.01	0.02	62.20	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	28.73	ppb
Sulfur	34-1	-3241.69	-2997.68	-3021.76	-3087.04		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.05	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	12.28	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	215.16	ppb
Titanium	47-1	0.04	0.02	0.02	0.03	52.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BL	Instrumnet Name :	P8
Client Sample ID :	PB166317BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:10:19	DataFile Name :	046CCBE.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				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.14	-0.14	-0.11	-0.13		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	161.32	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.50	42.35	40.55	42.47	4.65	ppb
Antimony	121-1	4.13	4.14	4.16	4.14	0.38	ppb
Arsenic	75-2	2.23	2.31	2.10	2.22	4.78	ppb
Barium	135-1	20.17	20.13	20.04	20.11	0.32	ppb
Barium	137-1	20.34	20.32	20.09	20.25	0.68	ppb
Beryllium	9-1	2.08	2.17	2.11	2.12	1.99	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	2.06	2.28	2.22	2.18	5.31	ppb
Cadmium	106-1	0.99	0.68	0.71	0.79	21.78	ppb
Cadmium	111-1	2.06	2.07	1.98	2.04	2.38	ppb
Calcium	43-1	1034.08	1021.62	1010.00	1021.90	1.18	ppb
Calcium	44-1	1017.87	1021.92	999.34	1013.04	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.84	3.80	3.77	3.81	0.98	ppb
Cobalt	59-2	2.09	2.15	2.15	2.13	1.61	ppb
Copper	63-2	4.53	4.54	4.54	4.54	0.22	ppb
Dysprosium	156-1						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				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	442.23	452.33	446.51	447.02	1.13	ppb
Iron	56-2	460.41	445.53	441.16	449.03	2.25	ppb
Iron	57-2	430.91	446.60	434.61	437.37	1.88	ppb
Krypton	83-1						cps
Lead	206-1	1.94	1.95	1.98	1.96	1.16	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.93	1.94	1.99	1.95	1.81	ppb
Lead	208-1	1.93	1.96	1.98	1.95	1.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	1008.50	1040.96	1018.00	1022.49	1.63	ppb
Manganese	55-2	2.12	2.17	2.17	2.15	1.38	ppb
Molybdenum	94-1	11.65	11.51	11.79	11.65	1.20	ppb
Molybdenum	95-1	9.97	9.86	9.89	9.91	0.60	ppb
Molybdenum	96-1	10.09	10.12	10.17	10.13	0.40	ppb
Molybdenum	97-1	9.86	10.03	9.95	9.95	0.81	ppb
Molybdenum	98-1	9.78	9.82	9.86	9.82	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.49	1.37	1.48	7.20	ppb
Phosphorus	31-2	23.63	41.17	40.26	35.02	28.19	ppb
Potassium	39-2	1051.54	1054.47	1035.17	1047.06	0.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	10.93	11.74	10.59	11.08	5.33	ppb
Selenium	77-2	12.05	12.25	13.42	12.57	5.89	ppb
Selenium	78-2	8.95	10.75	11.37	10.36	12.16	ppb
Silicon	28-1	24.84	24.92	23.32	24.36	3.71	ppb
Silver	107-1	2.07	2.07	2.12	2.09	1.39	ppb
Silver	109-1	2.08	2.10	2.09	2.09	0.46	ppb
Sodium	23-2	1100.01	1116.29	1092.98	1103.09	1.08	ppb
Strontium	86-1	1.97	1.96	1.99	1.98	0.72	ppb
Strontium	88-1	1.98	2.01	2.01	2.00	0.88	ppb
Sulfur	34-1	-1519.14	-1475.57	-1739.32	-1578.01		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	1.95	2.00	2.00	1.98	1.34	ppb
Thallium	205-1	1.97	2.00	1.99	1.99	0.63	ppb
Tin	118-1	10.44	10.37	10.34	10.38	0.48	ppb
Titanium	47-1	2.61	2.55	2.39	2.52	4.54	ppb
Uranium	238-1	1.84	1.86	1.84	1.85	0.58	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.16	10.45	10.42	10.34	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	10.21	10.28	10.33	10.27	0.58	ppb
Zirconium	90-1	1.96	1.96	1.96	1.96	0.16	ppb
Zirconium	91-1	1.96	1.91	1.98	1.95	2.04	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.43	1.04	0.69	45.75	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	171.24	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.02	0.02	0.03	0.02	27.80	ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.61	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	-0.06	0.01	-0.02	-0.02		ppb
Cadmium	106-1	-1.51	-1.11	-1.38	-1.34		ppb
Cadmium	111-1	-0.12	-0.09	-0.10	-0.10		ppb
Calcium	43-1	5.30	4.35	3.71	4.45	18.07	ppb
Calcium	44-1	2.58	2.43	2.93	2.65	9.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.16	0.12	0.13	15.03	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.13	-0.14	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2.51	2.60	2.14	2.42	9.98	ppb
Iron	56-2	2.65	2.76	2.74	2.72	2.14	ppb
Iron	57-2	2.68	3.19	2.16	2.68	19.20	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.01	-0.02	-0.01		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.01	-0.01	-0.02	-0.01		ppb
Lithium	6-1				97		%
Magnesium	24-2	-1.81	-1.80	-1.93	-1.85		ppb
Manganese	55-2	0.60	0.62	0.67	0.63	6.16	ppb
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.33	-0.34	-0.34		ppb
Phosphorus	31-2	-17.70	-10.29	-26.00	-18.00		ppb
Potassium	39-2	-4.14	-2.17	-3.37	-3.22		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-0.12	-0.01	0.13	0.00		ppb
Selenium	77-2	1.76	0.44	0.44	0.88	86.29	ppb
Selenium	78-2	-0.93	-0.33	-0.53	-0.60		ppb
Silicon	28-1	-2.38	-1.55	-1.26	-1.73		ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.72	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.77	ppb
Sodium	23-2	44.45	43.19	42.75	43.47	2.03	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.38	ppb
Sulfur	34-1	-2137.74	-1934.53	-1917.88	-1996.71		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.01	0.02	43.81	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.61	ppb
Tin	118-1	0.05	0.06	0.06	0.06	10.52	ppb
Titanium	47-1	0.03	0.02	0.05	0.03	38.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.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				101		%
Yttrium	89-2				101		%
Zinc	66-2	-0.12	-0.03	-0.05	-0.07		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	274.01	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52279.39	51652.98	51190.70	51707.69	1.06	ppb
Antimony	121-1	485.67	489.17	488.30	487.71	0.37	ppb
Arsenic	75-2	470.96	488.73	488.61	482.77	2.12	ppb
Barium	135-1	2424.82	2473.64	2473.57	2457.34	1.15	ppb
Barium	137-1	2472.98	2473.85	2462.04	2469.62	0.27	ppb
Beryllium	9-1	498.57	500.81	506.38	501.92	0.80	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	473.58	487.45	488.97	483.33	1.76	ppb
Cadmium	106-1	476.00	480.47	484.18	480.22	0.85	ppb
Cadmium	111-1	475.60	480.78	474.61	476.99	0.70	ppb
Calcium	43-1	245591.68	248527.70	246957.56	247025.65	0.59	ppb
Calcium	44-1	248269.28	245677.31	246232.00	246726.19	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.86	479.79	488.78	490.81	2.48	ppb
Cobalt	59-2	484.24	479.77	483.84	482.62	0.51	ppb
Copper	63-2	4759.38	4665.25	4678.10	4700.91	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	54-2	130087.07	131069.27	131428.21	130861.51	0.53	ppb
Iron	56-2	131118.71	129281.23	128650.23	129683.39	0.99	ppb
Iron	57-2	130114.08	128298.69	129475.53	129296.10	0.71	ppb
Krypton	83-1						cps
Lead	206-1	2516.99	2487.49	2542.71	2515.73	1.10	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2515.91	2490.03	2527.78	2511.24	0.77	ppb
Lead	208-1	2498.87	2491.46	2519.00	2503.11	0.57	ppb
Lithium	6-1				82		%
Magnesium	24-2	256786.65	255031.26	254078.87	255298.93	0.54	ppb
Manganese	55-2	4935.01	4856.95	4923.98	4905.31	0.86	ppb
Molybdenum	94-1	4855.87	5010.34	4939.16	4935.12	1.57	ppb
Molybdenum	95-1	4857.89	5067.37	4971.69	4965.65	2.11	ppb
Molybdenum	96-1	4863.65	5085.76	4929.49	4959.64	2.30	ppb
Molybdenum	97-1	4828.39	5069.87	4846.40	4914.88	2.74	ppb
Molybdenum	98-1	4831.70	4958.44	4849.43	4879.86	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.87	494.80	499.77	497.48	0.50	ppb
Phosphorus	31-2	9891.56	9639.80	9520.14	9683.83	1.96	ppb
Potassium	39-2	127131.56	127058.76	126984.06	127058.13	0.06	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	465.28	491.59	476.75	477.87	2.76	ppb
Selenium	77-2	464.28	497.32	475.45	479.02	3.51	ppb
Selenium	78-2	468.15	488.38	485.27	480.60	2.27	ppb
Silicon	28-1	521.03	521.78	529.79	524.20	0.93	ppb
Silver	107-1	480.35	476.29	479.92	478.85	0.47	ppb
Silver	109-1	475.49	477.39	476.66	476.52	0.20	ppb
Sodium	23-2	264102.49	262943.55	261967.25	263004.43	0.41	ppb
Strontium	86-1	493.66	503.73	502.35	499.91	1.09	ppb
Strontium	88-1	490.89	509.08	499.53	499.84	1.82	ppb
Sulfur	34-1	10234.98	10423.93	10421.31	10360.07	1.05	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	509.04	503.08	510.95	507.69	0.81	ppb
Thallium	205-1	501.41	504.63	513.05	506.36	1.19	ppb
Tin	118-1	491.56	489.67	488.58	489.94	0.31	ppb
Titanium	47-1	4915.22	4958.21	4909.79	4927.74	0.54	ppb
Uranium	238-1	510.30	507.05	509.74	509.03	0.34	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.11	487.62	493.86	492.20	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	4663.04	4568.01	4614.54	4615.20	1.03	ppb
Zirconium	90-1	493.71	504.37	502.78	500.29	1.15	ppb
Zirconium	91-1	498.73	513.98	509.38	507.36	1.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	1.96	1.56	1.73	11.83	ppb
Antimony	121-1	0.20	0.17	0.16	0.18	10.16	ppb
Arsenic	75-2	-0.01	0.05	-0.01	0.01	288.75	ppb
Barium	135-1	0.19	0.15	0.13	0.16	18.88	ppb
Barium	137-1	0.20	0.16	0.14	0.17	18.96	ppb
Beryllium	9-1	0.20	0.18	0.17	0.18	9.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.07	0.05	0.05	50.34	ppb
Cadmium	106-1	-1.14	-0.85	-0.87	-0.95		ppb
Cadmium	111-1	-0.02	-0.01	-0.03	-0.02		ppb
Calcium	43-1	18.81	18.02	11.70	16.18	24.09	ppb
Calcium	44-1	20.92	16.01	12.61	16.51	25.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.09	-0.08	-0.09		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.84	ppb
Copper	63-2	0.12	0.06	0.03	0.07	64.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	4.26	3.46	3.37	3.70	13.18	ppb
Iron	56-2	4.55	3.52	3.22	3.77	18.48	ppb
Iron	57-2	4.92	4.63	3.69	4.41	14.49	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.31	0.26	0.31	16.69	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.36	0.31	0.27	0.31	14.15	ppb
Lead	208-1	0.37	0.31	0.26	0.32	17.57	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.79	0.00	-0.29	0.50	223.37	ppb
Manganese	55-2	0.32	0.26	0.23	0.27	16.74	ppb
Molybdenum	94-1	0.48	0.37	0.30	0.38	23.44	ppb
Molybdenum	95-1	0.43	0.36	0.27	0.35	22.51	ppb
Molybdenum	96-1	0.45	0.38	0.31	0.38	18.25	ppb
Molybdenum	97-1	0.43	0.35	0.25	0.34	25.09	ppb
Molybdenum	98-1	0.44	0.37	0.26	0.36	24.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.51	-0.45	-0.46		ppb
Phosphorus	31-2	-8.78	-22.19	-15.53	-15.50		ppb
Potassium	39-2	41.29	37.22	39.96	39.49	5.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.21	-0.04	-0.06	-0.10		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.91	-0.28	-0.48	-0.56		ppb
Silicon	28-1	0.27	-0.23	2.50	0.85	171.43	ppb
Silver	107-1	0.08	0.07	0.06	0.07	17.71	ppb
Silver	109-1	0.08	0.08	0.07	0.07	10.62	ppb
Sodium	23-2	85.68	83.41	80.83	83.30	2.91	ppb
Strontium	86-1	0.03	0.04	0.01	0.03	54.36	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	24.36	ppb
Sulfur	34-1	-789.97	-796.77	-599.33	-728.69		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.08	0.06	0.07	11.80	ppb
Thallium	205-1	0.08	0.07	0.05	0.07	18.86	ppb
Tin	118-1	0.08	0.08	0.06	0.07	12.72	ppb
Titanium	47-1	0.45	0.32	0.30	0.36	23.43	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	26.92	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.00	0.01	0.01	116.08	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	0.85	0.78	0.80	0.81	4.71	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	15.79	ppb
Zirconium	91-1	0.07	0.05	0.03	0.05	40.10	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.01	19.51	19.70	20.07	4.08	ppb
Antimony	121-1	2.11	2.05	2.13	2.10	2.00	ppb
Arsenic	75-2	1.02	1.24	1.13	1.13	9.55	ppb
Barium	135-1	9.81	9.92	10.21	9.98	2.06	ppb
Barium	137-1	9.95	10.15	10.31	10.14	1.80	ppb
Beryllium	9-1	1.08	1.13	1.11	1.11	1.99	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.88	1.13	1.25	1.09	17.53	ppb
Cadmium	106-1	0.62	0.42	0.39	0.47	25.91	ppb
Cadmium	111-1	1.05	1.03	1.05	1.04	1.01	ppb
Calcium	43-1	510.73	512.97	505.28	509.66	0.78	ppb
Calcium	44-1	494.95	502.99	496.66	498.20	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.04	2.02	2.00	2.72	ppb
Cobalt	59-2	1.02	1.11	1.07	1.07	4.49	ppb
Copper	63-2	2.14	2.13	2.11	2.13	0.69	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				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	57.79	57.81	58.06	57.88	0.26	ppb
Iron	56-2	55.74	56.06	56.07	55.96	0.34	ppb
Iron	57-2	56.32	55.61	55.91	55.95	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.03	1.02	1.02	0.46	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.06	1.04	1.04	1.05	1.28	ppb
Lead	208-1	1.03	1.02	1.03	1.03	0.73	ppb
Lithium	6-1				92		%
Magnesium	24-2	529.49	534.20	533.42	532.37	0.47	ppb
Manganese	55-2	1.01	1.06	1.11	1.06	4.89	ppb
Molybdenum	94-1	5.66	5.81	5.87	5.78	1.94	ppb
Molybdenum	95-1	4.83	5.02	4.90	4.92	1.96	ppb
Molybdenum	96-1	4.83	5.04	5.01	4.96	2.25	ppb
Molybdenum	97-1	4.80	5.13	5.13	5.02	3.75	ppb
Molybdenum	98-1	4.68	4.95	4.84	4.82	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.94	1.00	0.98	3.61	ppb
Phosphorus	31-2	19.62	10.23	23.17	17.67	37.84	ppb
Potassium	39-2	530.37	532.84	535.75	532.99	0.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	5.96	5.68	5.24	5.63	6.45	ppb
Selenium	77-2	7.04	4.11	9.29	6.81	38.07	ppb
Selenium	78-2	4.03	3.15	5.15	4.11	24.38	ppb
Silicon	28-1	5.62	5.34	5.20	5.38	3.92	ppb
Silver	107-1	1.00	1.01	1.04	1.02	2.26	ppb
Silver	109-1	1.03	0.99	1.09	1.04	4.88	ppb
Sodium	23-2	600.67	599.94	598.39	599.67	0.19	ppb
Strontium	86-1	0.95	1.01	0.99	0.98	2.68	ppb
Strontium	88-1	0.98	1.02	1.01	1.00	2.16	ppb
Sulfur	34-1	-534.29	-609.18	-679.49	-607.65		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.97	0.98	0.97	0.97	0.86	ppb
Thallium	205-1	0.99	0.98	0.96	0.98	1.55	ppb
Tin	118-1	5.12	5.03	5.25	5.14	2.16	ppb
Titanium	47-1	5.12	4.92	5.09	5.04	2.18	ppb
Uranium	238-1	0.89	0.90	0.88	0.89	1.22	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.96	5.02	5.03	5.00	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	4.71	5.14	4.90	4.92	4.38	ppb
Zirconium	90-1	0.95	1.02	0.96	0.98	3.53	ppb
Zirconium	91-1	0.93	0.96	0.97	0.95	2.38	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-0.55	0.05	-0.31		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.85	ppb
Arsenic	75-2	-0.03	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.00	0.01	0.01	0.01	31.89	ppb
Barium	137-1	0.02	0.01	0.01	0.01	49.61	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	13.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.04	-0.01	0.01	193.36	ppb
Cadmium	106-1	-0.85	-1.01	-1.02	-0.96		ppb
Cadmium	111-1	-0.06	-0.06	-0.07	-0.06		ppb
Calcium	43-1	-0.46	-0.89	-0.30	-0.55		ppb
Calcium	44-1	-0.97	-1.50	-1.33	-1.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.06	-0.10	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.15	-0.17	-0.15	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	-0.02	0.01	-0.33	-0.11		ppb
Iron	56-2	-0.11	-0.18	-0.17	-0.15		ppb
Iron	57-2	0.27	0.90	0.35	0.51	67.17	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	9.60	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.05	0.05	9.75	ppb
Lead	208-1	0.05	0.06	0.05	0.05	3.25	ppb
Lithium	6-1				92		%
Magnesium	24-2	-5.22	-5.50	-5.04	-5.25		ppb
Manganese	55-2	0.02	0.01	0.00	0.01	141.16	ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	22.41	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	15.86	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	25.94	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	10.06	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	25.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.49	-0.46	-0.45	-0.47		ppb
Phosphorus	31-2	-17.66	-21.64	-18.63	-19.31		ppb
Potassium	39-2	19.43	14.87	15.79	16.70	14.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.07	-0.06	-0.26	-0.13		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.28	-0.51	-1.12	-0.64		ppb
Silicon	28-1	-0.76	-1.12	-0.90	-0.93		ppb
Silver	107-1	0.01	0.02	0.02	0.02	12.12	ppb
Silver	109-1	0.02	0.01	0.01	0.01	11.24	ppb
Sodium	23-2	51.24	47.38	52.32	50.31	5.16	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	138.63	ppb
Sulfur	34-1	-691.83	-817.92	-707.22	-738.99		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.01	0.02	12.56	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	10.81	ppb
Tin	118-1	0.01	0.00	0.02	0.01	130.45	ppb
Titanium	47-1	0.02	0.03	0.01	0.02	39.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	-0.04	0.02	-0.07	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	39.86	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	36.19	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10145.52	10066.48	10149.62	10120.54	0.46	ppb
Antimony	121-1	495.93	506.39	503.22	501.85	1.07	ppb
Arsenic	75-2	504.43	505.14	494.57	501.38	1.18	ppb
Barium	135-1	2532.84	2539.83	2510.60	2527.76	0.60	ppb
Barium	137-1	2545.57	2543.59	2558.59	2549.25	0.32	ppb
Beryllium	9-1	498.04	499.63	496.78	498.15	0.29	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	497.15	509.68	515.22	507.35	1.83	ppb
Cadmium	106-1	505.58	510.93	504.94	507.15	0.65	ppb
Cadmium	111-1	512.21	514.56	518.42	515.06	0.61	ppb
Calcium	43-1	51254.23	51619.86	51821.53	51565.21	0.56	ppb
Calcium	44-1	50522.66	50758.35	50886.51	50722.51	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.54	505.20	515.18	509.31	1.02	ppb
Cobalt	59-2	517.49	509.24	512.08	512.94	0.82	ppb
Copper	63-2	5118.25	5099.47	5149.83	5122.52	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				83		%
Iron	54-2	27930.55	27729.85	27734.58	27798.33	0.41	ppb
Iron	56-2	27162.99	26618.35	27222.25	27001.20	1.23	ppb
Iron	57-2	27650.73	27191.39	27282.96	27375.03	0.89	ppb
Krypton	83-1						cps
Lead	206-1	2482.32	2539.99	2509.32	2510.54	1.15	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2461.79	2566.31	2504.29	2510.80	2.09	ppb
Lead	208-1	2463.14	2538.83	2511.19	2504.39	1.53	ppb
Lithium	6-1				89		%
Magnesium	24-2	54049.30	53034.70	54504.44	53862.81	1.40	ppb
Manganese	55-2	5101.70	4966.58	5109.91	5059.40	1.59	ppb
Molybdenum	94-1	5035.62	5049.66	5015.75	5033.68	0.34	ppb
Molybdenum	95-1	4972.31	5103.78	5018.75	5031.61	1.33	ppb
Molybdenum	96-1	4958.18	5032.17	5052.99	5014.45	0.99	ppb
Molybdenum	97-1	4941.68	5026.96	5074.41	5014.35	1.34	ppb
Molybdenum	98-1	4948.17	5010.98	5031.56	4996.90	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.22	448.49	461.85	455.19	1.47	ppb
Phosphorus	31-2	9914.50	9919.53	10092.32	9975.45	1.01	ppb
Potassium	39-2	26428.43	26063.01	26182.96	26224.80	0.71	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	495.92	501.72	509.56	502.40	1.36	ppb
Selenium	77-2	500.56	486.70	478.68	488.64	2.27	ppb
Selenium	78-2	497.00	505.41	513.37	505.26	1.62	ppb
Silicon	28-1	535.18	520.62	536.00	530.60	1.63	ppb
Silver	107-1	511.66	515.64	517.95	515.09	0.62	ppb
Silver	109-1	501.25	510.46	518.96	510.22	1.74	ppb
Sodium	23-2	55666.79	54579.45	55536.39	55260.88	1.07	ppb
Strontium	86-1	505.87	513.37	509.35	509.53	0.74	ppb
Strontium	88-1	499.54	516.09	507.23	507.62	1.63	ppb
Sulfur	34-1	10437.86	10123.69	10540.05	10367.20	2.09	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	496.17	507.75	495.18	499.70	1.40	ppb
Thallium	205-1	503.34	500.99	498.95	501.10	0.44	ppb
Tin	118-1	501.64	503.25	502.53	502.47	0.16	ppb
Titanium	47-1	4986.91	5048.51	5086.77	5040.73	1.00	ppb
Uranium	238-1	480.62	498.19	504.56	494.45	2.51	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.41	503.47	510.82	505.57	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	4989.10	5070.93	5056.73	5038.92	0.87	ppb
Zirconium	90-1	509.36	510.12	507.92	509.13	0.22	ppb
Zirconium	91-1	506.81	517.95	510.06	511.61	1.12	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.70	269.68	278.51	274.30	1.61	ppb
Antimony	121-1	0.85	0.84	0.82	0.83	1.46	ppb
Arsenic	75-2	1.17	1.39	1.51	1.36	13.03	ppb
Barium	135-1	115.51	116.30	112.22	114.68	1.89	ppb
Barium	137-1	116.53	117.89	113.73	116.05	1.83	ppb
Beryllium	9-1	0.19	0.21	0.21	0.20	4.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.40	1.25	1.37	1.34	6.14	ppb
Cadmium	106-1	0.59	0.47	0.19	0.41	49.64	ppb
Cadmium	111-1	0.98	0.98	0.87	0.94	6.74	ppb
Calcium	43-1	39128.73	38360.58	39903.71	39131.01	1.97	ppb
Calcium	44-1	39198.02	39080.69	39183.45	39154.05	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.27	4.36	4.33	4.32	1.11	ppb
Cobalt	59-2	1.37	1.34	1.36	1.36	1.04	ppb
Copper	63-2	152.65	152.21	153.26	152.71	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	467.30	456.61	455.53	459.81	1.41	ppb
Iron	56-2	474.31	480.59	469.72	474.87	1.15	ppb
Iron	57-2	445.28	449.32	445.16	446.59	0.53	ppb
Krypton	83-1						cps
Lead	206-1	61.86	61.93	63.23	62.34	1.24	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	61.02	61.22	61.10	61.12	0.17	ppb
Lead	208-1	63.90	63.58	64.40	63.96	0.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	12149.91	12287.29	12142.54	12193.24	0.67	ppb
Manganese	55-2	22.93	22.71	22.37	22.67	1.24	ppb
Molybdenum	94-1	6.19	6.04	6.06	6.10	1.30	ppb
Molybdenum	95-1	2.08	1.91	1.90	1.96	5.00	ppb
Molybdenum	96-1	2.54	2.45	2.30	2.43	5.13	ppb
Molybdenum	97-1	2.05	2.04	1.85	1.98	5.77	ppb
Molybdenum	98-1	2.05	1.95	1.85	1.95	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.35	4.22	4.33	2.47	ppb
Phosphorus	31-2	656.75	677.86	679.41	671.34	1.89	ppb
Potassium	39-2	1819.68	1818.65	1815.96	1818.10	0.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.11	0.50	0.70	0.44	67.87	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.31	0.55	1.34	0.73	73.76	ppb
Silicon	28-1	1877.62	2113.08	2261.81	2084.17	9.29	ppb
Silver	107-1	0.34	0.34	0.34	0.34	1.40	ppb
Silver	109-1	0.34	0.33	0.33	0.33	1.51	ppb
Sodium	23-2	11831.81	11951.71	11717.51	11833.67	0.99	ppb
Strontium	86-1	132.33	130.57	129.17	130.69	1.21	ppb
Strontium	88-1	140.09	138.45	137.89	138.81	0.82	ppb
Sulfur	34-1	7385.06	7208.99	7554.46	7382.83	2.34	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.20	0.22	0.19	16.15	ppb
Thallium	205-1	0.15	0.19	0.22	0.19	18.02	ppb
Tin	118-1	3.49	3.57	3.50	3.52	1.24	ppb
Titanium	47-1	5.66	5.64	5.71	5.67	0.66	ppb
Uranium	238-1	0.34	0.35	0.34	0.34	2.07	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.79	0.81	0.82	0.81	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	851.27	849.45	855.36	852.03	0.36	ppb
Zirconium	90-1	2.56	2.49	2.42	2.49	2.74	ppb
Zirconium	91-1	2.57	2.43	2.43	2.47	3.35	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	411.24	414.72	413.95	413.30	0.44	ppb
Antimony	121-1	3.04	2.99	2.93	2.99	1.73	ppb
Arsenic	75-2	10.93	10.85	10.98	10.92	0.63	ppb
Barium	135-1	390.13	388.11	384.12	387.46	0.79	ppb
Barium	137-1	391.28	389.07	384.61	388.32	0.87	ppb
Beryllium	9-1	0.17	0.18	0.15	0.17	9.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	12.90	12.24	13.43	12.86	4.65	ppb
Cadmium	106-1	8.73	8.83	9.01	8.86	1.57	ppb
Cadmium	111-1	0.49	0.51	0.46	0.49	5.43	ppb
Calcium	43-1	83385.49	83131.37	82129.86	82882.24	0.80	ppb
Calcium	44-1	82907.34	82251.36	82557.69	82572.13	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.76	25.13	25.21	25.03	0.95	ppb
Cobalt	59-2	6.44	6.52	6.50	6.49	0.66	ppb
Copper	63-2	59.20	59.04	59.31	59.18	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	24679.14	24321.78	23984.67	24328.53	1.43	ppb
Iron	56-2	23884.26	24268.53	23924.96	24025.92	0.88	ppb
Iron	57-2	24394.64	24591.95	24381.68	24456.09	0.48	ppb
Krypton	83-1						cps
Lead	206-1	34.85	34.98	34.92	34.92	0.18	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	34.71	34.25	34.51	34.49	0.66	ppb
Lead	208-1	34.53	34.50	34.62	34.55	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	10496.42	10602.39	10382.00	10493.60	1.05	ppb
Manganese	55-2	7408.25	7499.94	7263.23	7390.47	1.61	ppb
Molybdenum	94-1	24.54	24.55	24.48	24.52	0.16	ppb
Molybdenum	95-1	25.98	26.39	26.50	26.29	1.05	ppb
Molybdenum	96-1	25.97	26.41	26.79	26.39	1.56	ppb
Molybdenum	97-1	26.17	27.20	26.63	26.67	1.93	ppb
Molybdenum	98-1	25.57	26.19	26.44	26.07	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.66	23.06	22.84	22.85	0.88	ppb
Phosphorus	31-2	1691.69	1662.86	1648.28	1667.61	1.32	ppb
Potassium	39-2	10236.35	10340.33	10327.73	10301.47	0.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.93	0.82	1.02	0.92	10.99	ppb
Selenium	77-2	1.78	0.45	-0.22	0.67	152.46	ppb
Selenium	78-2	-0.33	1.46	0.26	0.46	197.72	ppb
Silicon	28-1	9884.29	10026.28	10174.48	10028.35	1.45	ppb
Silver	107-1	3.32	3.31	3.28	3.30	0.65	ppb
Silver	109-1	3.31	3.36	3.34	3.34	0.68	ppb
Sodium	23-2	322070.80	324206.99	319541.40	321939.73	0.73	ppb
Strontium	86-1	190.47	191.58	194.53	192.19	1.09	ppb
Strontium	88-1	204.15	200.54	207.69	204.13	1.75	ppb
Sulfur	34-1	31295.43	32031.99	32129.61	31819.01	1.43	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.06	0.07	6.20	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.66	ppb
Tin	118-1	4.02	4.04	3.98	4.01	0.83	ppb
Titanium	47-1	16.36	16.49	16.37	16.41	0.43	ppb
Uranium	238-1	0.61	0.62	0.61	0.61	0.60	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.07	3.97	3.92	3.98	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	176.11	176.43	178.89	177.14	0.86	ppb
Zirconium	90-1	1.39	1.40	1.45	1.41	2.48	ppb
Zirconium	91-1	1.41	1.44	1.44	1.43	1.35	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	417.63	416.55	442.04	425.41	3.39	ppb
Antimony	121-1	3.02	2.95	2.97	2.98	1.33	ppb
Arsenic	75-2	11.62	11.30	11.70	11.54	1.86	ppb
Barium	135-1	391.46	391.53	386.99	389.99	0.67	ppb
Barium	137-1	397.58	385.82	381.84	388.41	2.11	ppb
Beryllium	9-1	0.12	0.14	0.13	0.13	6.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	13.08	13.57	12.06	12.91	5.94	ppb
Cadmium	106-1	9.40	8.82	9.87	9.36	5.61	ppb
Cadmium	111-1	0.52	0.45	0.61	0.53	14.95	ppb
Calcium	43-1	82148.90	84157.77	81220.82	82509.17	1.82	ppb
Calcium	44-1	81087.51	83142.43	80739.42	81656.45	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.03	24.71	26.11	25.29	2.89	ppb
Cobalt	59-2	6.73	6.63	7.09	6.81	3.56	ppb
Copper	63-2	82.10	82.00	85.94	83.35	2.69	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				106		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	24611.78	24044.02	25175.68	24610.49	2.30	ppb
Iron	56-2	24215.45	23977.38	25433.74	24542.19	3.18	ppb
Iron	57-2	24568.86	24154.66	25372.33	24698.62	2.51	ppb
Krypton	83-1						cps
Lead	206-1	35.62	34.99	34.53	35.05	1.56	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	34.93	34.84	33.99	34.58	1.50	ppb
Lead	208-1	34.97	34.82	34.27	34.69	1.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	10277.13	10296.60	10828.23	10467.32	2.99	ppb
Manganese	55-2	7400.16	7321.14	7667.88	7463.06	2.44	ppb
Molybdenum	94-1	24.31	24.86	24.56	24.58	1.12	ppb
Molybdenum	95-1	26.27	26.76	26.64	26.55	0.96	ppb
Molybdenum	96-1	26.20	26.64	26.11	26.31	1.08	ppb
Molybdenum	97-1	26.57	26.81	27.16	26.85	1.11	ppb
Molybdenum	98-1	26.22	26.48	26.26	26.32	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.34	35.21	36.93	36.16	2.42	ppb
Phosphorus	31-2	1764.69	1660.75	1674.30	1699.91	3.32	ppb
Potassium	39-2	10383.62	10262.03	10842.00	10495.88	2.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.68	0.71	0.52	0.64	15.88	ppb
Selenium	77-2	1.81	1.80	1.23	1.61	20.45	ppb
Selenium	78-2	0.08	1.46	0.17	0.57	136.15	ppb
Silicon	28-1	9781.21	9914.79	9765.03	9820.34	0.84	ppb
Silver	107-1	3.24	3.25	3.34	3.28	1.69	ppb
Silver	109-1	3.32	3.26	3.36	3.31	1.62	ppb
Sodium	23-2	318276.79	313805.68	336170.68	322751.05	3.67	ppb
Strontium	86-1	191.62	192.83	190.20	191.55	0.69	ppb
Strontium	88-1	201.82	204.72	202.97	203.17	0.72	ppb
Sulfur	34-1	31570.04	32233.93	31284.76	31696.24	1.54	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.06	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	1.58	ppb
Tin	118-1	4.53	4.53	4.51	4.52	0.35	ppb
Titanium	47-1	16.67	16.76	16.13	16.52	2.06	ppb
Uranium	238-1	0.62	0.61	0.60	0.61	1.62	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.98	3.82	4.04	3.94	2.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	184.45	183.29	192.92	186.89	2.81	ppb
Zirconium	90-1	1.40	1.42	1.43	1.41	1.04	ppb
Zirconium	91-1	1.41	1.42	1.49	1.44	2.87	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.83	86.23	85.55	85.53	0.82	ppb
Antimony	121-1	0.62	0.59	0.64	0.62	4.09	ppb
Arsenic	75-2	2.33	2.49	2.21	2.34	6.03	ppb
Barium	135-1	72.23	71.19	73.15	72.19	1.36	ppb
Barium	137-1	73.04	72.19	73.04	72.76	0.68	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	13.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	2.50	2.40	2.95	2.62	11.21	ppb
Cadmium	106-1	2.10	1.62	3.05	2.26	32.26	ppb
Cadmium	111-1	0.12	0.10	0.19	0.14	34.86	ppb
Calcium	43-1	16059.09	16086.79	16018.38	16054.75	0.21	ppb
Calcium	44-1	16759.47	16767.94	16603.57	16710.33	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.83	4.86	5.00	4.90	1.87	ppb
Cobalt	59-2	1.35	1.29	1.33	1.32	2.17	ppb
Copper	63-2	12.00	11.83	12.16	12.00	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	4745.03	4714.43	4756.57	4738.68	0.46	ppb
Iron	56-2	4915.92	4905.15	4932.55	4917.87	0.28	ppb
Iron	57-2	4704.64	4647.05	4692.14	4681.28	0.65	ppb
Krypton	83-1						cps
Lead	206-1	6.65	6.86	6.64	6.72	1.87	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.50	6.70	6.60	6.60	1.57	ppb
Lead	208-1	6.51	6.72	6.58	6.60	1.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	2018.21	2010.98	2044.55	2024.58	0.87	ppb
Manganese	55-2	1530.92	1526.40	1510.70	1522.67	0.70	ppb
Molybdenum	94-1	4.92	4.92	4.84	4.89	0.98	ppb
Molybdenum	95-1	5.24	5.28	5.28	5.27	0.44	ppb
Molybdenum	96-1	5.26	5.24	5.29	5.26	0.48	ppb
Molybdenum	97-1	5.53	5.25	5.29	5.36	2.81	ppb
Molybdenum	98-1	5.18	5.24	5.25	5.22	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.29	4.25	4.33	4.29	0.84	ppb
Phosphorus	31-2	338.43	308.59	336.30	327.77	5.08	ppb
Potassium	39-2	2004.69	1971.36	2004.97	1993.67	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.02	-0.03	0.56	0.17	198.12	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.10	-0.32	0.52	0.03	1239.74	ppb
Silicon	28-1	2074.46	2071.36	2025.62	2057.15	1.33	ppb
Silver	107-1	0.71	0.67	0.70	0.69	2.81	ppb
Silver	109-1	0.71	0.69	0.70	0.70	1.65	ppb
Sodium	23-2	65549.73	64601.30	65270.51	65140.51	0.75	ppb
Strontium	86-1	38.31	39.11	39.29	38.90	1.34	ppb
Strontium	88-1	41.18	42.13	42.49	41.93	1.61	ppb
Sulfur	34-1	6962.45	6958.22	6887.37	6936.01	0.61	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.94	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.96	ppb
Tin	118-1	0.86	0.83	0.88	0.86	3.21	ppb
Titanium	47-1	3.38	3.35	3.22	3.32	2.58	ppb
Uranium	238-1	0.11	0.12	0.11	0.12	2.24	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.77	0.76	0.79	0.78	2.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	36.39	35.70	35.92	36.00	0.98	ppb
Zirconium	90-1	0.29	0.28	0.27	0.28	2.51	ppb
Zirconium	91-1	0.26	0.29	0.28	0.27	4.51	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9145.16	9151.81	9139.48	9145.48	0.07	ppb
Antimony	121-1	484.08	482.91	483.94	483.64	0.13	ppb
Arsenic	75-2	10.52	10.52	10.10	10.38	2.35	ppb
Barium	135-1	2442.59	2434.75	2473.87	2450.40	0.84	ppb
Barium	137-1	2426.81	2470.43	2479.65	2458.96	1.15	ppb
Beryllium	9-1	489.78	503.35	488.50	493.88	1.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	442.22	450.79	447.67	446.89	0.97	ppb
Cadmium	106-1	467.75	471.85	471.71	470.44	0.50	ppb
Cadmium	111-1	464.19	466.70	469.15	466.68	0.53	ppb
Calcium	43-1	120398.12	121190.56	120927.20	120838.63	0.33	ppb
Calcium	44-1	121280.49	122373.67	119770.02	121141.39	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.12	492.04	491.54	488.57	1.14	ppb
Cobalt	59-2	488.41	474.52	482.20	481.71	1.44	ppb
Copper	63-2	4626.72	4718.92	4652.76	4666.13	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	45132.51	45036.63	44539.96	44903.03	0.71	ppb
Iron	56-2	44330.52	44247.11	44017.55	44198.39	0.37	ppb
Iron	57-2	44462.10	44791.54	44859.84	44704.49	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2411.26	2436.71	2394.73	2414.23	0.88	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2432.05	2449.07	2383.22	2421.45	1.41	ppb
Lead	208-1	2395.47	2424.16	2390.26	2403.30	0.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	56870.37	57568.08	57459.10	57299.18	0.66	ppb
Manganese	55-2	11183.48	11275.73	11370.45	11276.55	0.83	ppb
Molybdenum	94-1	2292.25	2249.45	2236.43	2259.38	1.29	ppb
Molybdenum	95-1	1749.52	1721.56	1714.52	1728.53	1.07	ppb
Molybdenum	96-1	1816.00	1801.27	1799.89	1805.72	0.49	ppb
Molybdenum	97-1	1724.82	1756.19	1738.14	1739.72	0.90	ppb
Molybdenum	98-1	1726.46	1715.09	1724.78	1722.11	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	428.92	434.87	435.32	433.04	0.82	ppb
Phosphorus	31-2	1570.98	1443.43	1538.07	1517.50	4.36	ppb
Potassium	39-2	30858.99	31899.77	31113.33	31290.70	1.73	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	488.44	482.00	486.54	485.66	0.68	ppb
Selenium	77-2	500.86	523.46	512.06	512.13	2.21	ppb
Selenium	78-2	487.29	496.55	504.56	496.13	1.74	ppb
Silicon	28-1	8933.10	9015.26	8901.79	8950.05	0.65	ppb
Silver	107-1	84.28	83.25	83.44	83.66	0.66	ppb
Silver	109-1	84.04	83.99	82.84	83.62	0.81	ppb
Sodium	23-2	341391.61	341010.13	338515.71	340305.82	0.46	ppb
Strontium	86-1	746.55	751.14	748.36	748.68	0.31	ppb
Strontium	88-1	748.32	757.04	747.83	751.06	0.69	ppb
Sulfur	34-1	29742.71	29298.85	29358.42	29466.66	0.82	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	461.14	476.39	469.46	469.00	1.63	ppb
Thallium	205-1	459.11	473.77	478.46	470.45	2.15	ppb
Tin	118-1	428.19	435.65	429.32	431.05	0.93	ppb
Titanium	47-1	16.63	16.43	16.45	16.51	0.65	ppb
Uranium	238-1	473.04	481.87	476.80	477.24	0.93	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	479.82	482.80	479.34	480.65	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	4772.75	4832.62	4718.71	4774.69	1.19	ppb
Zirconium	90-1	472.05	466.93	465.18	468.05	0.76	ppb
Zirconium	91-1	471.31	468.66	464.84	468.27	0.69	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9226.29	9235.28	9273.32	9244.97	0.27	ppb
Antimony	121-1	474.48	500.58	498.27	491.11	2.94	ppb
Arsenic	75-2	10.40	10.45	10.53	10.46	0.60	ppb
Barium	135-1	2458.72	2545.34	2504.01	2502.69	1.73	ppb
Barium	137-1	2484.80	2600.48	2532.07	2539.12	2.29	ppb
Beryllium	9-1	499.97	501.07	504.99	502.01	0.53	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	438.65	462.78	459.81	453.74	2.90	ppb
Cadmium	106-1	463.94	486.56	486.86	479.12	2.74	ppb
Cadmium	111-1	459.72	486.23	482.37	476.11	3.01	ppb
Calcium	43-1	120454.18	127916.83	126252.61	124874.54	3.14	ppb
Calcium	44-1	122209.41	127232.26	125675.05	125038.90	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.67	495.59	496.61	495.29	0.30	ppb
Cobalt	59-2	484.77	482.16	496.77	487.90	1.60	ppb
Copper	63-2	4430.29	4453.46	4376.03	4419.93	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	46200.78	46058.93	45984.54	46081.42	0.24	ppb
Iron	56-2	45084.88	44586.69	45497.98	45056.51	1.01	ppb
Iron	57-2	45654.67	45286.77	46025.27	45655.57	0.81	ppb
Krypton	83-1						cps
Lead	206-1	2286.14	2377.18	2281.87	2315.06	2.33	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2314.57	2362.25	2333.72	2336.85	1.03	ppb
Lead	208-1	2300.95	2345.58	2310.88	2319.14	1.01	ppb
Lithium	6-1				92		%
Magnesium	24-2	59107.53	58971.41	58753.61	58944.18	0.30	ppb
Manganese	55-2	11329.06	11161.45	11304.49	11265.00	0.80	ppb
Molybdenum	94-1	2266.77	2365.25	2318.99	2317.00	2.13	ppb
Molybdenum	95-1	1705.38	1778.04	1778.84	1754.09	2.40	ppb
Molybdenum	96-1	1776.13	1846.39	1837.14	1819.89	2.10	ppb
Molybdenum	97-1	1711.95	1781.54	1776.58	1756.69	2.21	ppb
Molybdenum	98-1	1721.72	1781.81	1780.55	1761.36	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	432.59	436.07	436.48	435.04	0.49	ppb
Phosphorus	31-2	1541.39	1562.90	1433.73	1512.67	4.58	ppb
Potassium	39-2	31540.42	31905.65	31867.09	31771.05	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	485.51	495.46	500.56	493.84	1.55	ppb
Selenium	77-2	530.66	487.23	493.53	503.81	4.66	ppb
Selenium	78-2	481.47	481.29	492.55	485.11	1.33	ppb
Silicon	28-1	8851.74	9391.56	9363.62	9202.31	3.30	ppb
Silver	107-1	82.62	86.24	85.84	84.90	2.34	ppb
Silver	109-1	81.13	86.69	86.02	84.62	3.59	ppb
Sodium	23-2	338738.44	341962.15	346680.17	342460.25	1.17	ppb
Strontium	86-1	735.78	773.70	769.08	759.52	2.72	ppb
Strontium	88-1	744.39	775.75	771.82	763.99	2.24	ppb
Sulfur	34-1	28904.07	30477.89	30071.02	29817.66	2.74	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	469.30	491.26	488.32	482.96	2.47	ppb
Thallium	205-1	466.61	489.94	473.58	476.71	2.51	ppb
Tin	118-1	423.85	445.99	437.50	435.78	2.56	ppb
Titanium	47-1	15.98	16.90	16.90	16.59	3.20	ppb
Uranium	238-1	483.14	495.60	489.65	489.46	1.27	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.42	491.37	492.96	493.25	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	4482.77	4532.54	4520.48	4511.93	0.58	ppb
Zirconium	90-1	466.01	483.53	482.89	477.48	2.08	ppb
Zirconium	91-1	471.62	486.56	490.82	483.00	2.09	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9206.56	9206.14	9223.67	9212.12	0.11	ppb
Antimony	121-1	484.55	492.32	489.47	488.78	0.80	ppb
Arsenic	75-2	10.71	10.21	10.55	10.49	2.40	ppb
Barium	135-1	2524.85	2518.91	2525.60	2523.12	0.15	ppb
Barium	137-1	2475.83	2504.65	2527.40	2502.63	1.03	ppb
Beryllium	9-1	484.93	502.78	513.73	500.48	2.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	443.20	447.53	458.82	449.85	1.79	ppb
Cadmium	106-1	475.03	474.27	477.83	475.71	0.39	ppb
Cadmium	111-1	468.79	471.36	476.61	472.25	0.84	ppb
Calcium	43-1	119870.59	122042.30	123121.38	121678.09	1.36	ppb
Calcium	44-1	119747.69	121662.22	121708.48	121039.46	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.33	493.65	491.94	490.64	0.78	ppb
Cobalt	59-2	484.65	489.28	487.43	487.12	0.48	ppb
Copper	63-2	4802.91	4764.00	4727.74	4764.88	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	44893.66	45787.70	44840.88	45174.08	1.18	ppb
Iron	56-2	44113.61	44386.11	44725.64	44408.45	0.69	ppb
Iron	57-2	44773.47	45773.68	44852.76	45133.30	1.23	ppb
Krypton	83-1						cps
Lead	206-1	2383.66	2454.67	2427.95	2422.09	1.48	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2393.97	2450.99	2458.03	2434.33	1.44	ppb
Lead	208-1	2387.04	2446.55	2454.16	2429.25	1.51	ppb
Lithium	6-1				92		%
Magnesium	24-2	58227.65	56715.10	57173.57	57372.11	1.35	ppb
Manganese	55-2	11411.57	11600.41	11536.38	11516.12	0.83	ppb
Molybdenum	94-1	2270.08	2304.93	2292.68	2289.23	0.77	ppb
Molybdenum	95-1	1740.09	1758.28	1744.02	1747.46	0.55	ppb
Molybdenum	96-1	1808.57	1826.75	1790.06	1808.46	1.01	ppb
Molybdenum	97-1	1731.82	1752.22	1731.14	1738.40	0.69	ppb
Molybdenum	98-1	1742.25	1747.24	1740.14	1743.21	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	435.31	435.63	436.01	435.65	0.08	ppb
Phosphorus	31-2	1515.46	1469.20	1519.66	1501.44	1.86	ppb
Potassium	39-2	31456.91	31611.83	31251.53	31440.09	0.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	483.70	491.58	489.36	488.21	0.83	ppb
Selenium	77-2	524.55	507.02	490.97	507.51	3.31	ppb
Selenium	78-2	479.30	503.84	501.17	494.77	2.72	ppb
Silicon	28-1	8718.77	8911.20	9067.90	8899.29	1.96	ppb
Silver	107-1	84.44	84.96	85.50	84.97	0.62	ppb
Silver	109-1	84.23	84.54	84.73	84.50	0.30	ppb
Sodium	23-2	340616.71	335123.10	340165.76	338635.19	0.90	ppb
Strontium	86-1	759.21	760.09	763.96	761.09	0.33	ppb
Strontium	88-1	751.12	760.55	757.14	756.27	0.63	ppb
Sulfur	34-1	28324.91	27994.00	29224.37	28514.43	2.23	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	456.11	469.42	471.20	465.58	1.77	ppb
Thallium	205-1	458.68	477.76	470.94	469.12	2.06	ppb
Tin	118-1	425.27	433.38	433.81	430.82	1.12	ppb
Titanium	47-1	15.72	16.28	16.84	16.28	3.42	ppb
Uranium	238-1	480.08	481.84	484.68	482.20	0.48	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	492.96	490.40	489.30	490.88	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4873.72	4877.90	4859.15	4870.26	0.20	ppb
Zirconium	90-1	474.77	482.64	471.34	476.25	1.22	ppb
Zirconium	91-1	484.98	485.23	472.22	480.81	1.55	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52914.32	52250.72	52722.11	52629.05	0.65	ppb
Antimony	121-1	481.45	479.86	477.91	479.74	0.37	ppb
Arsenic	75-2	484.69	470.58	478.80	478.03	1.48	ppb
Barium	135-1	2417.32	2413.30	2435.85	2422.16	0.50	ppb
Barium	137-1	2447.08	2429.54	2411.41	2429.34	0.73	ppb
Beryllium	9-1	496.18	516.33	493.91	502.14	2.46	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	474.80	473.81	471.69	473.44	0.34	ppb
Cadmium	106-1	473.35	472.00	470.13	471.82	0.34	ppb
Cadmium	111-1	482.50	473.43	468.35	474.76	1.51	ppb
Calcium	43-1	243875.67	250758.33	243740.60	246124.87	1.63	ppb
Calcium	44-1	244549.62	247444.22	243956.79	245316.87	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.69	489.39	500.46	492.51	1.41	ppb
Cobalt	59-2	492.63	486.86	488.13	489.21	0.62	ppb
Copper	63-2	4818.46	4695.65	4696.78	4736.96	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	54-2	134009.85	130223.04	132129.60	132120.83	1.43	ppb
Iron	56-2	133199.10	130237.20	129886.34	131107.55	1.39	ppb
Iron	57-2	132438.80	127906.06	130988.80	130444.55	1.77	ppb
Krypton	83-1						cps
Lead	206-1	2500.98	2508.11	2436.84	2481.98	1.58	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2462.64	2483.94	2461.69	2469.42	0.51	ppb
Lead	208-1	2471.70	2478.99	2452.18	2467.62	0.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	261539.66	256352.69	256753.66	258215.34	1.12	ppb
Manganese	55-2	5053.28	4910.13	4978.79	4980.73	1.44	ppb
Molybdenum	94-1	4946.36	4946.92	4965.93	4953.07	0.22	ppb
Molybdenum	95-1	4931.50	5009.66	4958.66	4966.61	0.80	ppb
Molybdenum	96-1	4945.36	4978.71	4994.70	4972.92	0.51	ppb
Molybdenum	97-1	4924.23	4933.51	4918.23	4925.32	0.16	ppb
Molybdenum	98-1	4935.16	4929.66	4905.48	4923.43	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.52	498.09	497.12	502.24	1.60	ppb
Phosphorus	31-2	9931.37	9694.13	9513.40	9712.97	2.16	ppb
Potassium	39-2	129524.50	124630.46	127302.76	127152.57	1.93	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	471.18	481.30	472.06	474.84	1.18	ppb
Selenium	77-2	470.47	464.78	476.78	470.68	1.28	ppb
Selenium	78-2	494.40	456.49	469.78	473.56	4.06	ppb
Silicon	28-1	592.05	606.85	602.51	600.47	1.27	ppb
Silver	107-1	472.55	469.72	464.30	468.86	0.89	ppb
Silver	109-1	469.50	477.70	469.46	472.22	1.00	ppb
Sodium	23-2	270972.21	264599.15	262398.03	265989.80	1.67	ppb
Strontium	86-1	489.93	501.12	493.57	494.87	1.15	ppb
Strontium	88-1	488.80	502.27	493.69	494.92	1.38	ppb
Sulfur	34-1	10088.68	10333.25	9685.56	10035.83	3.26	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	500.07	508.31	491.94	500.10	1.64	ppb
Thallium	205-1	504.91	501.35	494.85	500.37	1.02	ppb
Tin	118-1	481.18	482.28	477.35	480.27	0.54	ppb
Titanium	47-1	4982.71	4922.11	4935.08	4946.64	0.64	ppb
Uranium	238-1	503.29	510.66	501.67	505.21	0.95	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.06	497.29	492.76	498.04	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	4833.25	4642.84	4615.89	4697.33	2.52	ppb
Zirconium	90-1	497.26	498.20	505.09	500.18	0.85	ppb
Zirconium	91-1	490.81	511.26	501.80	501.29	2.04	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.02	0.56	0.25	109.36	ppb
Antimony	121-1	0.14	0.13	0.13	0.14	1.94	ppb
Arsenic	75-2	0.00	0.03	-0.01	0.01	264.32	ppb
Barium	135-1	0.11	0.12	0.10	0.11	9.29	ppb
Barium	137-1	0.13	0.11	0.10	0.12	14.59	ppb
Beryllium	9-1	0.27	0.26	0.25	0.26	3.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.06	0.07	0.06	35.15	ppb
Cadmium	106-1	-1.16	-0.53	-0.34	-0.68		ppb
Cadmium	111-1	-0.04	-0.01	0.00	-0.02		ppb
Calcium	43-1	7.53	7.32	5.56	6.80	15.89	ppb
Calcium	44-1	7.23	6.32	5.58	6.37	13.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.10	-0.09	-0.09		ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	127.32	ppb
Copper	63-2	0.16	0.09	0.10	0.11	31.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	2.32	1.44	0.96	1.57	44.10	ppb
Iron	56-2	2.44	1.19	1.53	1.72	37.61	ppb
Iron	57-2	3.22	1.04	1.41	1.89	61.82	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.18	0.22	16.47	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.22	0.19	0.22	12.17	ppb
Lead	208-1	0.25	0.22	0.19	0.22	13.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	-2.43	-4.24	-3.27	-3.31		ppb
Manganese	55-2	0.44	0.28	0.33	0.35	23.57	ppb
Molybdenum	94-1	0.20	0.17	0.19	0.19	6.69	ppb
Molybdenum	95-1	0.21	0.17	0.15	0.17	18.43	ppb
Molybdenum	96-1	0.21	0.16	0.16	0.18	15.95	ppb
Molybdenum	97-1	0.20	0.16	0.16	0.17	13.25	ppb
Molybdenum	98-1	0.21	0.18	0.15	0.18	15.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.60	-0.56	-0.57		ppb
Phosphorus	31-2	-19.03	-10.07	-19.16	-16.09		ppb
Potassium	39-2	40.34	41.22	32.92	38.16	11.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.23	0.21	-0.05	-0.02		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.30	-0.09	-0.10	-0.16		ppb
Silicon	28-1	30.38	25.42	28.52	28.11	8.91	ppb
Silver	107-1	0.07	0.06	0.05	0.06	19.22	ppb
Silver	109-1	0.07	0.06	0.05	0.06	15.82	ppb
Sodium	23-2	139.04	133.36	127.95	133.45	4.16	ppb
Strontium	86-1	-0.01	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	17.31	ppb
Sulfur	34-1	-1229.45	-1234.03	-1115.08	-1192.85		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.09	0.09	0.10	14.07	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	12.58	ppb
Tin	118-1	0.05	0.04	0.04	0.04	11.62	ppb
Titanium	47-1	0.15	0.12	0.13	0.13	9.50	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	25.08	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.01	89.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.47	0.46	0.36	0.43	13.94	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	9.64	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	23.22	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.47	31.48	31.60	30.85	3.88	ppb
Antimony	121-1	0.33	0.34	0.33	0.33	2.06	ppb
Arsenic	75-2	3.92	4.79	4.83	4.51	11.38	ppb
Barium	135-1	292.47	297.03	294.86	294.79	0.77	ppb
Barium	137-1	317.83	318.41	315.34	317.19	0.52	ppb
Beryllium	9-1	0.16	0.16	0.15	0.15	2.04	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.18	0.22	0.20	10.05	ppb
Cadmium	106-1	-1.08	-0.53	-0.52	-0.71		ppb
Cadmium	111-1	-0.04	0.01	0.00	-0.01		ppb
Calcium	43-1	107391.58	108454.16	108986.45	108277.40	0.75	ppb
Calcium	44-1	105424.85	107374.08	109329.99	107376.31	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.97	18.37	19.07	18.14	5.92	ppb
Cobalt	59-2	0.56	0.61	0.63	0.60	5.79	ppb
Copper	63-2	92.02	98.99	101.43	97.48	5.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	83037.19	91271.35	92809.65	89039.40	5.90	ppb
Iron	56-2	83431.54	89258.11	92475.51	88388.39	5.19	ppb
Iron	57-2	83215.04	90700.50	90653.94	88189.83	4.89	ppb
Krypton	83-1						cps
Lead	206-1	6.24	6.24	6.02	6.17	2.06	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.40	6.19	6.21	6.27	1.79	ppb
Lead	208-1	6.26	6.21	6.11	6.20	1.28	ppb
Lithium	6-1				90		%
Magnesium	24-2	41736.90	45276.45	46170.68	44394.68	5.28	ppb
Manganese	55-2	1580.37	1711.26	1778.42	1690.02	5.96	ppb
Molybdenum	94-1	2.34	2.32	2.30	2.32	0.69	ppb
Molybdenum	95-1	2.00	2.09	2.02	2.04	2.37	ppb
Molybdenum	96-1	2.11	2.10	2.06	2.09	1.29	ppb
Molybdenum	97-1	2.06	2.04	2.08	2.06	0.79	ppb
Molybdenum	98-1	1.96	2.00	2.01	1.99	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.24	2.49	2.24	11.05	ppb
Phosphorus	31-2	136.66	146.52	143.32	142.17	3.54	ppb
Potassium	39-2	7888.89	8247.20	8604.60	8246.90	4.34	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	-0.23	0.21	0.06	0.01	1671.15	ppb
Selenium	77-2	1.09	0.49	-0.22	0.45	145.84	ppb
Selenium	78-2	-0.35	0.76	0.79	0.40	161.92	ppb
Silicon	28-1	3833.25	3908.03	3997.67	3912.99	2.10	ppb
Silver	107-1	0.12	0.09	0.08	0.10	18.68	ppb
Silver	109-1	0.12	0.09	0.08	0.09	21.50	ppb
Sodium	23-2	1113837.91	1199471.85	1210752.50	1174687.42	4.51	ppb
Strontium	86-1	644.98	649.65	661.27	651.97	1.29	ppb
Strontium	88-1	658.50	659.46	647.00	654.99	1.06	ppb
Sulfur	34-1	-1152.30	-870.81	-494.78	-839.30		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.18	0.17	0.20	18.98	ppb
Thallium	205-1	0.23	0.17	0.17	0.19	17.91	ppb
Tin	118-1	2.04	2.07	2.06	2.06	0.80	ppb
Titanium	47-1	2.11	2.27	2.36	2.25	5.64	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	26.63	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.36	2.44	2.50	2.43	2.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	192.53	207.45	211.95	203.98	4.98	ppb
Zirconium	90-1	0.34	0.33	0.33	0.33	1.56	ppb
Zirconium	91-1	0.33	0.34	0.30	0.32	5.44	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	205.76	214.71	221.93	214.13	3.78	ppb
Antimony	121-1	1.50	1.51	1.52	1.51	0.92	ppb
Arsenic	75-2	5.41	5.59	5.68	5.56	2.51	ppb
Barium	135-1	180.93	182.75	182.03	181.90	0.50	ppb
Barium	137-1	196.43	191.18	196.86	194.82	1.62	ppb
Beryllium	9-1	0.18	0.16	0.16	0.17	5.82	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	6.48	6.53	6.34	6.45	1.50	ppb
Cadmium	106-1	3.61	4.07	4.55	4.08	11.63	ppb
Cadmium	111-1	0.18	0.23	0.29	0.23	23.91	ppb
Calcium	43-1	42714.89	42073.66	42217.23	42335.26	0.79	ppb
Calcium	44-1	41543.38	41196.98	41535.34	41425.23	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.12	12.55	12.40	12.36	1.80	ppb
Cobalt	59-2	3.31	3.32	3.29	3.31	0.46	ppb
Copper	63-2	30.26	30.54	30.25	30.35	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	12345.84	12333.30	12428.79	12369.31	0.42	ppb
Iron	56-2	12048.70	12237.52	12312.68	12199.64	1.11	ppb
Iron	57-2	11494.02	11570.42	11569.43	11544.62	0.38	ppb
Krypton	83-1						cps
Lead	206-1	17.07	17.45	17.16	17.23	1.14	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	16.93	17.26	16.76	16.98	1.49	ppb
Lead	208-1	16.85	17.26	16.86	16.99	1.38	ppb
Lithium	6-1				94		%
Magnesium	24-2	5231.77	5353.27	5174.11	5253.05	1.74	ppb
Manganese	55-2	3674.32	3738.34	3713.67	3708.78	0.87	ppb
Molybdenum	94-1	12.10	12.18	12.09	12.12	0.39	ppb
Molybdenum	95-1	13.06	13.46	13.18	13.23	1.53	ppb
Molybdenum	96-1	12.92	13.12	12.91	12.99	0.89	ppb
Molybdenum	97-1	13.37	13.51	13.34	13.41	0.70	ppb
Molybdenum	98-1	12.96	13.20	13.21	13.13	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.29	11.23	11.41	11.31	0.82	ppb
Phosphorus	31-2	833.28	839.83	747.69	806.93	6.37	ppb
Potassium	39-2	4836.56	4903.55	4841.49	4860.53	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.47	0.21	0.35	0.34	38.49	ppb
Selenium	77-2	-0.22	0.46	2.53	0.92	155.50	ppb
Selenium	78-2	0.27	0.09	-0.51	-0.05		ppb
Silicon	28-1	4805.95	4923.04	4870.76	4866.58	1.21	ppb
Silver	107-1	1.60	1.66	1.65	1.64	1.83	ppb
Silver	109-1	1.64	1.66	1.68	1.66	1.22	ppb
Sodium	23-2	157781.91	160276.57	158477.91	158845.46	0.81	ppb
Strontium	86-1	94.82	96.69	95.37	95.63	1.00	ppb
Strontium	88-1	102.88	102.21	101.62	102.24	0.62	ppb
Sulfur	34-1	16582.83	16581.72	16292.56	16485.70	1.01	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	17.80	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	14.85	ppb
Tin	118-1	2.06	2.05	2.04	2.05	0.54	ppb
Titanium	47-1	8.05	8.79	8.28	8.37	4.56	ppb
Uranium	238-1	0.30	0.31	0.30	0.30	1.20	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.95	2.02	2.03	2.00	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	89.23	90.04	90.76	90.01	0.85	ppb
Zirconium	90-1	0.71	0.72	0.71	0.71	1.00	ppb
Zirconium	91-1	0.70	0.71	0.72	0.71	1.92	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	201.02	211.76	212.19	208.32	3.04	ppb
Antimony	121-1	1.51	1.53	1.49	1.51	1.34	ppb
Arsenic	75-2	5.75	5.68	5.70	5.71	0.68	ppb
Barium	135-1	185.56	186.12	183.43	185.04	0.77	ppb
Barium	137-1	197.11	197.60	190.95	195.22	1.90	ppb
Beryllium	9-1	0.14	0.15	0.13	0.14	4.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	6.47	6.40	6.40	6.42	0.66	ppb
Cadmium	106-1	4.17	4.58	4.49	4.41	4.90	ppb
Cadmium	111-1	0.23	0.27	0.27	0.25	8.82	ppb
Calcium	43-1	41857.73	42954.70	41147.52	41986.65	2.17	ppb
Calcium	44-1	41570.37	41890.50	40996.25	41485.71	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.19	12.70	12.51	12.47	2.04	ppb
Cobalt	59-2	3.37	3.44	3.37	3.39	1.15	ppb
Copper	63-2	41.93	42.73	42.21	42.29	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	12405.07	12788.62	12457.21	12550.30	1.66	ppb
Iron	56-2	12307.51	12482.92	12187.95	12326.13	1.20	ppb
Iron	57-2	11641.70	11913.20	11611.68	11722.19	1.42	ppb
Krypton	83-1						cps
Lead	206-1	17.54	17.94	17.19	17.56	2.14	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	17.24	17.86	17.18	17.43	2.18	ppb
Lead	208-1	17.17	17.70	17.05	17.31	1.99	ppb
Lithium	6-1				92		%
Magnesium	24-2	5163.97	5360.75	5243.17	5255.96	1.88	ppb
Manganese	55-2	3743.71	3781.91	3725.68	3750.44	0.77	ppb
Molybdenum	94-1	12.40	12.59	12.38	12.46	0.95	ppb
Molybdenum	95-1	13.43	13.70	13.56	13.56	1.00	ppb
Molybdenum	96-1	13.31	13.52	13.21	13.34	1.19	ppb
Molybdenum	97-1	13.57	13.57	13.65	13.60	0.34	ppb
Molybdenum	98-1	13.28	13.38	13.41	13.36	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.39	17.97	17.76	17.70	1.66	ppb
Phosphorus	31-2	776.01	803.91	797.50	792.47	1.84	ppb
Potassium	39-2	4835.17	4975.59	4914.29	4908.35	1.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.39	0.48	0.37	0.41	14.52	ppb
Selenium	77-2	1.16	1.87	1.83	1.62	24.50	ppb
Selenium	78-2	-0.31	0.32	0.09	0.03	924.14	ppb
Silicon	28-1	4814.06	4922.56	4888.90	4875.17	1.14	ppb
Silver	107-1	1.67	1.69	1.70	1.68	0.92	ppb
Silver	109-1	1.69	1.72	1.71	1.71	0.91	ppb
Sodium	23-2	157859.47	161444.15	159981.65	159761.76	1.13	ppb
Strontium	86-1	96.87	98.79	97.56	97.74	0.99	ppb
Strontium	88-1	104.12	104.52	102.86	103.83	0.83	ppb
Sulfur	34-1	16172.71	16561.96	16242.78	16325.82	1.27	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.60	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	5.76	ppb
Tin	118-1	2.35	2.29	2.28	2.31	1.54	ppb
Titanium	47-1	8.14	8.40	8.20	8.25	1.63	ppb
Uranium	238-1	0.29	0.30	0.30	0.30	2.73	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.00	2.00	1.99	2.00	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	93.91	95.77	93.63	94.44	1.23	ppb
Zirconium	90-1	0.71	0.72	0.74	0.72	2.12	ppb
Zirconium	91-1	0.70	0.75	0.73	0.73	3.38	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.48	42.32	41.87	40.89	5.14	ppb
Antimony	121-1	0.31	0.33	0.32	0.32	2.48	ppb
Arsenic	75-2	1.11	1.10	1.03	1.08	3.92	ppb
Barium	135-1	37.03	37.07	36.72	36.94	0.52	ppb
Barium	137-1	37.01	36.81	37.22	37.01	0.55	ppb
Beryllium	9-1	0.09	0.10	0.08	0.09	13.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.24	1.32	1.33	1.30	3.61	ppb
Cadmium	106-1	0.75	0.49	0.16	0.46	63.69	ppb
Cadmium	111-1	0.06	0.02	0.00	0.03	102.67	ppb
Calcium	43-1	7858.87	8169.08	8132.37	8053.44	2.10	ppb
Calcium	44-1	8219.77	8534.63	8362.96	8372.45	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.43	2.37	2.27	9.63	ppb
Cobalt	59-2	0.61	0.67	0.65	0.64	4.18	ppb
Copper	63-2	6.25	7.21	7.16	6.87	7.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2143.34	2391.82	2401.72	2312.29	6.33	ppb
Iron	56-2	2224.06	2500.18	2542.25	2422.16	7.14	ppb
Iron	57-2	2098.22	2362.32	2378.70	2279.75	6.91	ppb
Krypton	83-1						cps
Lead	206-1	3.41	3.43	3.41	3.42	0.45	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.39	3.38	3.35	3.37	0.65	ppb
Lead	208-1	3.34	3.42	3.35	3.37	1.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	884.37	999.38	1011.95	965.24	7.28	ppb
Manganese	55-2	634.69	715.61	715.32	688.54	6.77	ppb
Molybdenum	94-1	2.54	2.50	2.44	2.49	2.04	ppb
Molybdenum	95-1	2.67	2.61	2.63	2.64	1.17	ppb
Molybdenum	96-1	2.59	2.62	2.66	2.62	1.33	ppb
Molybdenum	97-1	2.72	2.76	2.70	2.73	1.13	ppb
Molybdenum	98-1	2.64	2.62	2.62	2.63	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	2.16	2.04	1.98	11.08	ppb
Phosphorus	31-2	131.75	147.21	129.78	136.25	7.01	ppb
Potassium	39-2	883.62	1012.91	1009.06	968.53	7.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.38	-0.16	-0.14	0.03	1053.79	ppb
Selenium	77-2	-0.22	-0.22	0.47	0.01	5635.50	ppb
Selenium	78-2	-0.56	-0.70	-0.10	-0.46		ppb
Silicon	28-1	972.49	1001.36	1030.48	1001.44	2.90	ppb
Silver	107-1	0.35	0.34	0.34	0.35	1.65	ppb
Silver	109-1	0.36	0.36	0.35	0.36	2.17	ppb
Sodium	23-2	28447.40	32942.88	32083.77	31158.02	7.66	ppb
Strontium	86-1	18.86	19.27	19.35	19.16	1.39	ppb
Strontium	88-1	19.54	19.65	19.55	19.58	0.33	ppb
Sulfur	34-1	2967.71	3627.02	3724.09	3439.61	11.96	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.02	0.03	4.29	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	21.37	ppb
Tin	118-1	0.44	0.42	0.41	0.42	4.20	ppb
Titanium	47-1	1.75	1.86	1.82	1.81	3.10	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	2.01	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.35	0.41	0.38	0.38	8.27	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	15.89	18.34	19.24	17.82	9.74	ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	1.49	ppb
Zirconium	91-1	0.13	0.15	0.15	0.14	7.85	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4533.19	4593.89	4676.50	4601.19	1.56	ppb
Antimony	121-1	245.61	242.79	246.55	244.98	0.80	ppb
Arsenic	75-2	5.14	5.63	5.37	5.38	4.50	ppb
Barium	135-1	1250.69	1240.67	1251.35	1247.57	0.48	ppb
Barium	137-1	1251.10	1221.01	1244.75	1238.95	1.28	ppb
Beryllium	9-1	251.91	250.60	248.87	250.46	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	232.65	226.45	231.65	230.25	1.45	ppb
Cadmium	106-1	241.54	242.76	242.46	242.25	0.26	ppb
Cadmium	111-1	226.60	225.24	225.40	225.75	0.33	ppb
Calcium	43-1	60103.32	62290.99	60192.00	60862.10	2.03	ppb
Calcium	44-1	60758.08	61206.22	60463.63	60809.31	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223.97	226.42	228.33	226.24	0.97	ppb
Cobalt	59-2	241.80	246.99	243.87	244.22	1.07	ppb
Copper	63-2	2391.14	2395.45	2410.12	2398.90	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				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	22556.40	23127.19	22956.83	22880.14	1.28	ppb
Iron	56-2	22012.11	22546.88	22857.24	22472.08	1.90	ppb
Iron	57-2	22731.10	22803.26	23198.94	22911.10	1.10	ppb
Krypton	83-1						cps
Lead	206-1	1214.30	1218.23	1174.78	1202.44	2.00	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1240.60	1230.86	1193.71	1221.72	2.03	ppb
Lead	208-1	1218.28	1219.09	1191.85	1209.74	1.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	28626.81	28760.42	29443.86	28943.70	1.51	ppb
Manganese	55-2	5725.30	5805.13	5781.14	5770.52	0.71	ppb
Molybdenum	94-1	1123.49	1152.62	1135.99	1137.37	1.28	ppb
Molybdenum	95-1	869.00	886.53	883.58	879.70	1.07	ppb
Molybdenum	96-1	896.23	902.27	919.40	905.97	1.33	ppb
Molybdenum	97-1	868.99	885.10	878.85	877.65	0.93	ppb
Molybdenum	98-1	850.13	871.75	877.55	866.48	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	219.22	219.75	222.07	220.35	0.69	ppb
Phosphorus	31-2	729.67	762.40	726.22	739.43	2.70	ppb
Potassium	39-2	15558.11	15801.07	15909.08	15756.08	1.14	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	243.35	239.46	245.62	242.81	1.28	ppb
Selenium	77-2	241.46	235.36	258.16	245.00	4.82	ppb
Selenium	78-2	240.55	233.61	252.32	242.16	3.91	ppb
Silicon	28-1	4452.18	4545.66	4539.12	4512.32	1.16	ppb
Silver	107-1	39.88	39.60	39.76	39.75	0.36	ppb
Silver	109-1	40.26	39.82	39.98	40.02	0.55	ppb
Sodium	23-2	167459.32	171677.63	172736.57	170624.51	1.64	ppb
Strontium	86-1	379.95	384.69	383.59	382.74	0.65	ppb
Strontium	88-1	380.03	379.89	379.45	379.79	0.08	ppb
Sulfur	34-1	14781.27	14930.60	14890.06	14867.31	0.52	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	239.90	240.65	232.12	237.56	1.99	ppb
Thallium	205-1	235.14	236.33	228.81	233.43	1.73	ppb
Tin	118-1	217.55	220.33	216.69	218.19	0.87	ppb
Titanium	47-1	8.12	8.18	8.77	8.36	4.30	ppb
Uranium	238-1	234.98	234.26	233.06	234.10	0.41	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	225.77	229.34	232.04	229.05	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	2401.91	2459.19	2458.52	2439.87	1.35	ppb
Zirconium	90-1	232.60	236.59	236.22	235.14	0.94	ppb
Zirconium	91-1	240.57	242.15	241.05	241.26	0.34	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4673.16	4700.56	4591.25	4654.99	1.22	ppb
Antimony	121-1	245.64	252.17	249.39	249.06	1.32	ppb
Arsenic	75-2	5.35	5.80	5.17	5.44	5.96	ppb
Barium	135-1	1263.60	1268.75	1268.32	1266.89	0.23	ppb
Barium	137-1	1243.17	1281.15	1274.53	1266.29	1.60	ppb
Beryllium	9-1	251.88	248.93	253.61	251.47	0.94	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	224.86	228.13	232.31	228.44	1.63	ppb
Cadmium	106-1	239.20	245.41	246.48	243.70	1.61	ppb
Cadmium	111-1	224.86	230.39	228.08	227.77	1.22	ppb
Calcium	43-1	61282.33	64254.54	61727.51	62421.46	2.57	ppb
Calcium	44-1	61718.29	63619.61	61123.70	62153.87	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230.85	230.07	228.24	229.72	0.58	ppb
Cobalt	59-2	249.28	250.87	244.94	248.37	1.24	ppb
Copper	63-2	2275.75	2315.21	2258.48	2283.15	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	23102.17	23399.69	22733.85	23078.57	1.45	ppb
Iron	56-2	23019.82	22379.21	22255.52	22551.52	1.82	ppb
Iron	57-2	22751.26	23193.14	22205.51	22716.64	2.18	ppb
Krypton	83-1						cps
Lead	206-1	1132.56	1153.87	1129.96	1138.80	1.15	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1143.93	1156.26	1143.21	1147.80	0.64	ppb
Lead	208-1	1132.01	1145.70	1129.42	1135.71	0.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	29516.37	29679.73	29251.22	29482.44	0.73	ppb
Manganese	55-2	5716.45	5706.91	5551.39	5658.25	1.64	ppb
Molybdenum	94-1	1145.36	1165.51	1153.06	1154.64	0.88	ppb
Molybdenum	95-1	884.37	880.98	895.15	886.84	0.83	ppb
Molybdenum	96-1	907.10	924.27	919.33	916.90	0.96	ppb
Molybdenum	97-1	872.19	888.39	886.04	882.21	0.99	ppb
Molybdenum	98-1	871.08	886.67	883.23	880.33	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.46	222.70	219.66	222.27	1.09	ppb
Phosphorus	31-2	786.55	764.82	769.12	773.50	1.49	ppb
Potassium	39-2	16064.33	16083.95	15653.30	15933.86	1.53	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	244.31	244.79	244.28	244.46	0.12	ppb
Selenium	77-2	242.10	251.59	238.44	244.04	2.78	ppb
Selenium	78-2	234.86	247.67	218.16	233.57	6.34	ppb
Silicon	28-1	4519.90	4680.14	4518.15	4572.73	2.03	ppb
Silver	107-1	39.52	40.62	40.06	40.06	1.37	ppb
Silver	109-1	39.84	40.44	40.48	40.25	0.89	ppb
Sodium	23-2	172985.39	173427.35	170053.58	172155.44	1.07	ppb
Strontium	86-1	379.57	384.46	386.54	383.52	0.93	ppb
Strontium	88-1	377.87	380.02	383.13	380.34	0.70	ppb
Sulfur	34-1	14357.55	15285.35	14621.84	14754.92	3.24	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	238.22	242.51	238.39	239.71	1.01	ppb
Thallium	205-1	230.79	238.77	232.39	233.98	1.80	ppb
Tin	118-1	218.54	222.05	227.73	222.77	2.08	ppb
Titanium	47-1	8.63	8.65	8.31	8.53	2.25	ppb
Uranium	238-1	236.14	233.72	234.26	234.70	0.54	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	236.24	232.16	229.41	232.60	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	2181.85	2290.97	2173.08	2215.30	2.96	ppb
Zirconium	90-1	236.94	242.65	239.99	239.86	1.19	ppb
Zirconium	91-1	239.59	244.35	241.74	241.89	0.98	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4659.41	4622.73	4632.26	4638.14	0.41	ppb
Antimony	121-1	244.14	241.68	244.51	243.44	0.63	ppb
Arsenic	75-2	4.94	4.99	5.30	5.08	3.88	ppb
Barium	135-1	1250.58	1231.39	1245.32	1242.43	0.80	ppb
Barium	137-1	1246.33	1238.09	1247.59	1244.00	0.41	ppb
Beryllium	9-1	251.25	248.16	249.75	249.72	0.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	228.93	229.43	229.60	229.32	0.15	ppb
Cadmium	106-1	239.41	238.45	239.09	238.99	0.20	ppb
Cadmium	111-1	224.21	225.15	227.37	225.58	0.72	ppb
Calcium	43-1	61329.47	62007.78	63106.55	62147.94	1.44	ppb
Calcium	44-1	61508.67	61293.14	61652.05	61484.62	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232.36	230.41	229.10	230.63	0.71	ppb
Cobalt	59-2	250.65	246.60	245.26	247.50	1.14	ppb
Copper	63-2	2468.92	2443.88	2441.58	2451.46	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	22893.89	23292.63	22964.06	23050.19	0.92	ppb
Iron	56-2	22915.83	22749.68	22248.77	22638.09	1.53	ppb
Iron	57-2	23124.01	22784.89	22360.76	22756.55	1.68	ppb
Krypton	83-1						cps
Lead	206-1	1218.27	1225.07	1195.13	1212.82	1.29	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1221.56	1237.21	1205.98	1221.58	1.28	ppb
Lead	208-1	1214.95	1219.00	1195.64	1209.86	1.03	ppb
Lithium	6-1				92		%
Magnesium	24-2	28938.71	29021.29	28936.23	28965.41	0.17	ppb
Manganese	55-2	5827.76	5811.10	5747.25	5795.37	0.73	ppb
Molybdenum	94-1	1129.99	1133.76	1150.29	1138.01	0.95	ppb
Molybdenum	95-1	891.30	874.73	882.83	882.96	0.94	ppb
Molybdenum	96-1	913.34	903.24	904.17	906.92	0.62	ppb
Molybdenum	97-1	878.21	861.15	884.64	874.67	1.39	ppb
Molybdenum	98-1	873.59	862.05	883.54	873.06	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	225.16	222.62	222.64	223.47	0.65	ppb
Phosphorus	31-2	737.21	743.39	700.16	726.92	3.22	ppb
Potassium	39-2	15901.41	15901.58	15797.81	15866.94	0.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	242.55	236.51	246.80	241.95	2.14	ppb
Selenium	77-2	236.92	247.46	252.86	245.75	3.30	ppb
Selenium	78-2	247.79	254.41	245.71	249.30	1.82	ppb
Silicon	28-1	4447.49	4480.34	4556.77	4494.87	1.25	ppb
Silver	107-1	40.32	40.10	40.49	40.30	0.49	ppb
Silver	109-1	40.49	40.06	40.67	40.40	0.78	ppb
Sodium	23-2	172584.83	169566.04	171181.75	171110.87	0.88	ppb
Strontium	86-1	381.07	379.15	379.68	379.97	0.26	ppb
Strontium	88-1	379.39	378.09	375.99	377.83	0.45	ppb
Sulfur	34-1	14329.47	14433.44	14930.04	14564.32	2.20	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	239.09	240.17	234.68	237.98	1.22	ppb
Thallium	205-1	231.93	233.09	233.86	232.96	0.42	ppb
Tin	118-1	222.00	218.21	219.98	220.06	0.86	ppb
Titanium	47-1	7.93	7.91	8.57	8.14	4.65	ppb
Uranium	238-1	235.26	233.73	232.26	233.75	0.64	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	232.22	232.40	233.05	232.55	0.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	2483.86	2446.14	2470.13	2466.71	0.77	ppb
Zirconium	90-1	236.96	236.53	237.21	236.90	0.14	ppb
Zirconium	91-1	241.50	241.46	242.32	241.76	0.20	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.43	-0.97	9.40	3.62	146.07	ppb
Antimony	121-1	0.09	0.03	0.03	0.05	73.13	ppb
Arsenic	75-2	0.36	0.04	1.35	0.59	116.07	ppb
Barium	135-1	18.85	19.51	4.36	14.24	60.15	ppb
Barium	137-1	19.27	19.67	4.38	14.44	60.33	ppb
Beryllium	9-1	0.05	-0.04	0.05	0.02	288.42	ppb
Bismuth	209-1				206		%
Bismuth	209-2				261		%
Bromine	81-1						cps
Cadmium	108-1	0.08	-0.05	-0.01	0.01	1009.88	ppb
Cadmium	106-1	-6.65	-5.01	-7.83	-6.50		ppb
Cadmium	111-1	-0.44	-0.37	-0.57	-0.46		ppb
Calcium	43-1	6159.81	7197.68	1572.63	4976.70	60.15	ppb
Calcium	44-1	6269.15	7066.74	1610.90	4982.26	59.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	0.00	5.53	2.47	113.53	ppb
Cobalt	59-2	0.06	0.00	0.19	0.08	119.06	ppb
Copper	63-2	11.31	1.10	31.09	14.50	105.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				220		%
Holmium	165-2				288		%
Indium	115-1				209		%
Indium	115-2				265		%
Iron	54-2	10332.91	1261.28	27860.75	13151.65	102.82	ppb
Iron	56-2	10360.73	1322.43	28057.99	13247.05	102.66	ppb
Iron	57-2	10531.53	1240.47	28777.30	13516.43	103.64	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.30	0.22	0.49	81.26	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.30	0.24	0.50	80.89	ppb
Lead	208-1	0.95	0.30	0.22	0.49	81.80	ppb
Lithium	6-1				210		%
Magnesium	24-2	5431.70	661.89	14321.73	6805.11	101.88	ppb
Manganese	55-2	200.62	23.71	537.97	254.10	102.82	ppb
Molybdenum	94-1	0.54	0.25	0.20	0.33	55.38	ppb
Molybdenum	95-1	0.37	0.16	0.11	0.21	64.86	ppb
Molybdenum	96-1	0.41	0.17	0.12	0.24	64.91	ppb
Molybdenum	97-1	0.40	0.17	0.08	0.22	74.91	ppb
Molybdenum	98-1	0.39	0.16	0.08	0.21	75.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.50	-0.87	0.12	-0.42		ppb
Phosphorus	31-2	-16.20	-30.75	17.29	-9.89		ppb
Potassium	39-2	874.85	41.13	2431.94	1115.97	108.74	ppb
Rhodium	103-1				199		%
Rhodium	103-2				262		%
Scandium	45-1				202		%
Scandium	45-2				266		%
Selenium	82-1	0.15	-0.11	-0.20	-0.05		ppb
Selenium	77-2	0.00	-0.22	-0.22	-0.15		ppb
Selenium	78-2	-0.99	-1.00	-0.64	-0.88		ppb
Silicon	28-1	233.93	225.98	83.72	181.21	46.64	ppb
Silver	107-1	0.04	0.05	0.02	0.04	38.59	ppb
Silver	109-1	0.05	0.06	0.02	0.04	41.28	ppb
Sodium	23-2	145961.50	17537.21	380748.54	181415.75	101.53	ppb
Strontium	86-1	38.85	42.35	9.49	30.23	59.70	ppb
Strontium	88-1	40.50	44.39	9.27	31.39	61.33	ppb
Sulfur	34-1	-7742.25	-9341.92	-5613.59	-7565.92		ppb
Terbium	159-1				216		%
Terbium	159-2				284		%
Thallium	203-1	0.19	0.03	0.07	0.09	89.81	ppb
Thallium	205-1	0.20	0.02	0.07	0.10	95.13	ppb
Tin	118-1	0.11	0.05	0.01	0.06	82.48	ppb
Titanium	47-1	0.14	0.09	0.77	0.33	114.69	ppb
Uranium	238-1	0.05	0.00	0.01	0.02	131.27	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.29	0.03	0.79	0.37	103.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				205		%
Yttrium	89-2				264		%
Zinc	66-2	22.66	2.73	64.00	29.80	104.88	ppb
Zirconium	90-1	0.12	0.06	0.04	0.08	50.67	ppb
Zirconium	91-1	0.11	0.07	0.05	0.08	42.69	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.44	-1.39	-1.44	-1.43		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	116.02	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.04	0.00	-0.01	0.01	310.03	ppb
Barium	137-1	0.05	0.00	-0.01	0.01	272.31	ppb
Beryllium	9-1	-0.04	-0.06	-0.06	-0.05		ppb
Bismuth	209-1				327		%
Bismuth	209-2				396		%
Bromine	81-1						cps
Cadmium	108-1	-0.07	-0.07	-0.06	-0.07		ppb
Cadmium	106-1	-5.67	-7.15	-7.30	-6.71		ppb
Cadmium	111-1	-0.43	-0.54	-0.56	-0.51		ppb
Calcium	43-1	12.84	-4.47	-6.13	0.75	1409.50	ppb
Calcium	44-1	-1.11	-21.21	-23.55	-15.29		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.28	-0.28	-0.28	-0.28		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.50	-0.53	-0.53	-0.52		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				332		%
Holmium	165-2				414		%
Indium	115-1				320		%
Indium	115-2				387		%
Iron	54-2	-2.79	-2.89	-2.88	-2.85		ppb
Iron	56-2	-2.06	-2.06	-2.20	-2.11		ppb
Iron	57-2	-1.96	-1.92	-1.96	-1.95		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.10	-0.13	-0.08		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	-0.11	-0.13	-0.08		ppb
Lead	208-1	-0.01	-0.10	-0.13	-0.08		ppb
Lithium	6-1				324		%
Magnesium	24-2	-10.07	-10.85	-10.86	-10.59		ppb
Manganese	55-2	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.00	961.69	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.90	-0.93	-0.92	-0.91		ppb
Phosphorus	31-2	-30.25	-34.67	-32.85	-32.59		ppb
Potassium	39-2	-77.64	-83.89	-82.37	-81.30		ppb
Rhodium	103-1				312		%
Rhodium	103-2				391		%
Scandium	45-1				309		%
Scandium	45-2				394		%
Selenium	82-1	0.21	-0.28	-0.21	-0.09		ppb
Selenium	77-2	-0.01	-0.22	0.11	-0.04		ppb
Selenium	78-2	-0.75	-0.85	-0.93	-0.84		ppb
Silicon	28-1	11.12	-24.62	-26.90	-13.47		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-75.86	-93.89	-88.82	-86.19		ppb
Strontium	86-1	0.64	0.02	0.01	0.22	161.82	ppb
Strontium	88-1	0.10	0.00	-0.01	0.03	193.70	ppb
Sulfur	34-1	-8673.14	-9379.81	-9687.31	-9246.75		ppb
Terbium	159-1				328		%
Terbium	159-2				400		%
Thallium	203-1	0.01	0.00	-0.01	0.00	747.11	ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	2616.76	ppb
Tin	118-1	-0.08	-0.10	-0.10	-0.09		ppb
Titanium	47-1	-0.02	-0.05	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				316		%
Yttrium	89-2				382		%
Zinc	66-2	-0.31	-0.30	-0.29	-0.30		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	52.60	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	80.27	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.35	6.21	5.16	5.91	10.99	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	6.71	ppb
Arsenic	75-2	0.96	1.17	0.73	0.95	22.83	ppb
Barium	135-1	59.71	59.83	60.98	60.17	1.17	ppb
Barium	137-1	60.19	60.79	61.38	60.79	0.97	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	2.97	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.04	-0.01	0.04	136.10	ppb
Cadmium	106-1	-0.41	1.05	-0.65	0.00		ppb
Cadmium	111-1	-0.03	0.09	-0.04	0.01	880.73	ppb
Calcium	43-1	21535.34	22151.35	21839.65	21842.12	1.41	ppb
Calcium	44-1	21407.73	21941.07	21545.77	21631.53	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.74	3.58	3.61	3.64	2.47	ppb
Cobalt	59-2	0.11	0.12	0.12	0.12	4.50	ppb
Copper	63-2	21.34	21.02	20.97	21.11	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				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	18778.84	18402.96	18682.84	18621.55	1.05	ppb
Iron	56-2	18690.24	18414.47	18419.27	18507.99	0.85	ppb
Iron	57-2	17620.04	17548.71	17598.57	17589.11	0.21	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.18	1.15	1.15	2.75	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.14	1.14	1.13	1.14	0.49	ppb
Lead	208-1	1.12	1.16	1.14	1.14	1.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	9474.60	9287.48	9139.24	9300.44	1.81	ppb
Manganese	55-2	333.88	330.19	331.46	331.85	0.57	ppb
Molybdenum	94-1	0.46	0.47	0.46	0.46	0.68	ppb
Molybdenum	95-1	0.40	0.36	0.40	0.39	5.48	ppb
Molybdenum	96-1	0.39	0.41	0.43	0.41	4.84	ppb
Molybdenum	97-1	0.36	0.40	0.43	0.40	8.91	ppb
Molybdenum	98-1	0.37	0.38	0.39	0.38	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.11	0.04	0.08	45.70	ppb
Phosphorus	31-2	13.46	16.48	23.75	17.90	29.57	ppb
Potassium	39-2	1649.91	1643.08	1616.91	1636.63	1.06	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	-0.28	-0.20	-0.17	-0.22		ppb
Selenium	77-2	1.23	0.49	-0.22	0.50	145.49	ppb
Selenium	78-2	0.38	-0.28	-0.29	-0.06		ppb
Silicon	28-1	786.06	809.95	780.77	792.26	1.96	ppb
Silver	107-1	0.02	0.01	0.02	0.02	5.70	ppb
Silver	109-1	0.02	0.02	0.01	0.02	18.44	ppb
Sodium	23-2	248249.28	242692.95	245842.53	245594.92	1.13	ppb
Strontium	86-1	122.63	122.31	124.01	122.98	0.73	ppb
Strontium	88-1	130.74	131.28	132.63	131.55	0.74	ppb
Sulfur	34-1	-505.22	-76.97	-226.84	-269.68		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	4.60	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.39	ppb
Tin	118-1	0.41	0.40	0.39	0.40	2.69	ppb
Titanium	47-1	0.44	0.51	0.45	0.46	7.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.48	0.49	0.49	0.49	2.02	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	44.57	43.52	43.25	43.78	1.59	ppb
Zirconium	90-1	0.07	0.07	0.08	0.08	7.68	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	3.25	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:49:27	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51923.25	54348.94	53440.01	53237.40	2.30	ppb
Antimony	121-1	478.13	495.62	496.09	489.95	2.09	ppb
Arsenic	75-2	492.47	489.68	480.51	487.55	1.28	ppb
Barium	135-1	2402.46	2485.09	2499.84	2462.46	2.13	ppb
Barium	137-1	2400.06	2471.72	2477.89	2449.89	1.77	ppb
Beryllium	9-1	502.60	516.68	520.50	513.26	1.84	ppb
Bismuth	209-1				84		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	475.59	483.43	489.08	482.70	1.40	ppb
Cadmium	106-1	480.08	484.91	486.44	483.81	0.69	ppb
Cadmium	111-1	482.11	485.66	486.40	484.72	0.47	ppb
Calcium	43-1	243328.23	247738.83	246189.70	245752.25	0.91	ppb
Calcium	44-1	245612.74	247714.70	249385.81	247571.09	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.59	509.21	496.94	502.91	1.22	ppb
Cobalt	59-2	490.96	491.71	493.96	492.21	0.32	ppb
Copper	63-2	4751.88	4755.89	4759.27	4755.68	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				78		%
Iron	54-2	132783.47	133193.38	132173.60	132716.82	0.39	ppb
Iron	56-2	131940.81	133358.98	131814.44	132371.41	0.65	ppb
Iron	57-2	130710.88	131951.34	132300.88	131654.37	0.63	ppb
Krypton	83-1						cps
Lead	206-1	2447.53	2524.38	2518.05	2496.65	1.71	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:49:27	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2436.20	2543.27	2541.88	2507.12	2.45	ppb
Lead	208-1	2450.49	2521.81	2526.80	2499.70	1.71	ppb
Lithium	6-1				83		%
Magnesium	24-2	260096.09	261305.81	263062.17	261488.02	0.57	ppb
Manganese	55-2	5028.73	5042.81	4994.53	5022.02	0.49	ppb
Molybdenum	94-1	5011.38	4967.11	4987.75	4988.75	0.44	ppb
Molybdenum	95-1	4995.73	4993.03	5021.89	5003.55	0.32	ppb
Molybdenum	96-1	4979.87	5058.68	5074.68	5037.74	1.01	ppb
Molybdenum	97-1	4972.28	5047.94	5017.24	5012.49	0.76	ppb
Molybdenum	98-1	4978.74	4982.23	4953.57	4971.51	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.99	486.23	480.88	482.03	0.78	ppb
Phosphorus	31-2	9878.77	9873.51	9766.52	9839.60	0.64	ppb
Potassium	39-2	127342.57	129025.86	126786.44	127718.29	0.91	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	479.84	493.61	478.87	484.11	1.70	ppb
Selenium	77-2	485.35	465.39	447.37	466.04	4.08	ppb
Selenium	78-2	514.77	495.15	490.17	500.03	2.60	ppb
Silicon	28-1	545.16	558.49	560.39	554.68	1.50	ppb
Silver	107-1	475.14	479.41	479.07	477.87	0.50	ppb
Silver	109-1	472.13	478.27	482.09	477.50	1.05	ppb
Sodium	23-2	270745.75	266510.40	266406.51	267887.55	0.92	ppb
Strontium	86-1	504.78	504.29	504.77	504.61	0.06	ppb
Strontium	88-1	497.36	515.21	497.73	503.43	2.03	ppb
Sulfur	34-1	10466.63	11395.24	10837.30	10899.72	4.29	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	500.79	509.47	510.39	506.88	1.04	ppb
Thallium	205-1	496.47	500.12	503.60	500.06	0.71	ppb
Tin	118-1	474.33	497.65	494.61	488.86	2.59	ppb
Titanium	47-1	4959.38	4943.35	4970.00	4957.58	0.27	ppb
Uranium	238-1	494.99	512.28	522.02	509.76	2.69	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:49:27	DataFile Name :	076CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	497.53	496.91	495.78	496.74	0.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	4743.55	4796.98	4695.65	4745.39	1.07	ppb
Zirconium	90-1	501.05	501.34	502.60	501.66	0.16	ppb
Zirconium	91-1	507.58	521.52	514.58	514.56	1.35	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.70	0.21	0.51	51.33	ppb
Antimony	121-1	0.13	0.14	0.12	0.13	5.44	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	81.07	ppb
Barium	135-1	0.18	0.14	0.11	0.15	24.52	ppb
Barium	137-1	0.19	0.13	0.10	0.14	32.29	ppb
Beryllium	9-1	0.21	0.19	0.19	0.20	4.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.12	0.07	0.07	82.55	ppb
Cadmium	106-1	-0.09	-0.43	-0.88	-0.47		ppb
Cadmium	111-1	0.06	0.00	-0.03	0.01	481.42	ppb
Calcium	43-1	12.18	9.43	5.68	9.09	35.85	ppb
Calcium	44-1	13.33	9.04	7.18	9.85	31.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.08	-0.08	-0.09		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	26.69	ppb
Copper	63-2	0.02	0.03	0.02	0.02	38.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	2.12	2.78	1.54	2.15	28.95	ppb
Iron	56-2	2.77	2.24	1.81	2.27	21.11	ppb
Iron	57-2	3.38	2.49	1.31	2.40	43.40	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.25	0.19	0.24	16.98	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.29	0.25	0.20	0.24	18.77	ppb
Lead	208-1	0.29	0.24	0.19	0.24	19.56	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.88	-2.48	-2.35	-1.90		ppb
Manganese	55-2	0.19	0.27	0.22	0.23	17.19	ppb
Molybdenum	94-1	0.41	0.28	0.25	0.31	26.51	ppb
Molybdenum	95-1	0.38	0.28	0.24	0.30	25.06	ppb
Molybdenum	96-1	0.37	0.29	0.23	0.30	22.83	ppb
Molybdenum	97-1	0.37	0.28	0.24	0.30	23.01	ppb
Molybdenum	98-1	0.37	0.28	0.23	0.29	25.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.53	-0.52	-0.54	-0.53		ppb
Phosphorus	31-2	-20.06	-21.08	-19.21	-20.12		ppb
Potassium	39-2	45.64	42.26	36.91	41.60	10.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.36	0.00	-0.15	-0.17		ppb
Selenium	77-2	0.50	-0.22	-0.22	0.02	2387.60	ppb
Selenium	78-2	-0.27	-0.27	-0.69	-0.41		ppb
Silicon	28-1	13.03	12.89	10.13	12.02	13.59	ppb
Silver	107-1	0.07	0.06	0.05	0.06	17.95	ppb
Silver	109-1	0.07	0.07	0.05	0.06	16.17	ppb
Sodium	23-2	212.60	204.36	200.50	205.82	3.00	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	22.25	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	26.51	ppb
Sulfur	34-1	-728.28	-453.06	-752.59	-644.65		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.07	0.06	0.07	14.44	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	14.22	ppb
Tin	118-1	0.04	0.03	0.02	0.03	35.64	ppb
Titanium	47-1	0.42	0.34	0.20	0.32	34.89	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	37.35	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	47.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	-0.04	-0.02	-0.06	-0.04		ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	25.41	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	19.37	ppb

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	113	107	109	3.53	cps
Antimony	121-1	593	263	670	509	42.46	cps
Arsenic	75-2	247	213	217	226	8.14	cps
Barium	135-1	5305	5204	2710	4406	33.35	cps
Barium	137-1	8803	9353	4701	7619	33.37	cps
Beryllium	9-1	7197	7066	4053	6105	29.14	cps
Bismuth	209-1	47048666	52882651	34949789	44960369	20.34	cps
Bismuth	209-2	19323231	18961586	21030888	19771902	5.59	cps
Bromine	81-1	3524	2610	3254	3129	15.00	cps
Cadmium	108-1	227	253	127	202	33.02	cps
Cadmium	106-1	20593	19277	14505	18125	17.67	cps
Cadmium	111-1	16637	15777	11282	14565	19.75	cps
Calcium	43-1	653	493	610	586	14.13	cps
Calcium	44-1	34211	29591	31094	31632	7.45	cps
Carbon	12-1	8771769	4895764	3825500	5831011	44.63	cps
Carbon	12-2	33739	28541	28247	30176	10.24	cps
Chlorine	35-1	120194	103158	134042	119131	12.99	cps
Chlorine	35-2	627	697	680	668	5.48	cps
Chromium	52-2	2774	1984	1897	2218	21.78	cps
Cobalt	59-2	5985	5548	5705	5746	3.85	cps
Copper	63-2	6078	5534	5955	5856	4.87	cps
Dysprosium	156-1	400	390	303	364	14.59	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	357	357	237	317	21.88	cps
Erbium	164-2	113	87	97	99	13.62	cps
Gadolinium	160-1	297	347	210	284	24.31	cps
Gadolinium	160-2	60	57	73	63	13.92	cps
Holmium	165-1	74784149	82200077	54518398	70500875	20.32	cps
Holmium	165-2	27210194	26156592	28816097	27394294	4.89	cps
Indium	115-1	57528106	64416634	42531316	54825352	20.41	cps
Indium	115-2	6107282	6040992	6742184	6296819	6.15	cps
Iron	54-2	757	667	623	682	9.97	cps
Iron	56-2	8910	7399	7675	7995	10.06	cps
Iron	57-2	280	180	230	230	21.74	cps
Krypton	83-1	4391	2160	1177	2576	63.93	cps
Lead	206-1	25690	22380	13020	20363	32.27	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22150	18196	11038	17128	32.88	cps
Lead	208-1	101454	85691	50822	79322	32.66	cps
Lithium	6-1	26810275	30413228	19406299	25543267	21.97	cps
Magnesium	24-2	3647	3564	3567	3593	1.31	cps
Manganese	55-2	740	773	733	749	2.86	cps
Molybdenum	94-1	6558	6211	6312	6360	2.81	cps
Molybdenum	95-1	9940	8206	9363	9170	9.63	cps
Molybdenum	96-1	10944	9373	10281	10199	7.73	cps
Molybdenum	97-1	6135	5478	5825	5812	5.65	cps
Molybdenum	98-1	16460	13827	15435	15241	8.71	cps
Neodymium	150-1	37	20	33	30	29.40	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	3027	2767	2797	2864	4.97	cps
Phosphorus	31-2	80	93	73	82	12.39	cps
Potassium	39-2	11081	11168	11281	11177	0.90	cps
Rhodium	103-1	53211511	58056606	39036316	50101478	19.73	cps
Rhodium	103-2	22888400	22567399	25072979	23509592	5.80	cps
Scandium	45-1	37828725	42215748	27458855	35834443	21.15	cps
Scandium	45-2	847281	824229	912845	861452	5.34	cps
Selenium	82-1	43	227	13	94	122.28	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	17	13	27	19	36.75	cps
Silicon	28-1	1228944	800691	670768	900134	32.45	cps
Silver	107-1	723	683	590	666	10.28	cps
Silver	109-1	360	273	390	341	17.76	cps
Sodium	23-2	63695	63685	62925	63435	0.70	cps
Strontium	86-1	7559	3677	2007	4414	64.53	cps
Strontium	88-1	970	937	797	901	10.21	cps
Sulfur	34-1	489648	380821	525155	465208	16.17	cps
Terbium	159-1	76020522	83480199	54850311	71450344	20.79	cps
Terbium	159-2	25907904	24939252	27644565	26163907	5.24	cps
Thallium	203-1	10021	9760	4871	8217	35.30	cps
Thallium	205-1	24014	23201	11376	19530	36.22	cps
Tin	118-1	1227	653	1803	1228	46.83	cps
Titanium	47-1	583	570	307	487	32.07	cps
Uranium	238-1	70976	74074	35950	60333	35.09	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 13:50:18	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1277	1073	1097	1149	9.69	cps
Ytterbium	172-1	460	457	313	410	20.42	cps
Ytterbium	172-2	187	197	183	189	3.67	cps
Ytterbium	176-1	5565	5208	3757	4843	19.76	cps
Ytterbium	176-2	843	757	883	828	7.82	cps
Yttrium	89-1	98605489	107500308	71081784	92395860	20.55	cps
Yttrium	89-2	7662821	7541718	8258394	7820978	4.91	cps
Zinc	66-2	547	563	567	559	1.92	cps
Zirconium	90-1	4292	3584	2514	3463	25.85	cps
Zirconium	91-1	750	707	470	642	23.47	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	143	153	137	15.23	cps
Antimony	121-1	73	90	80	81	10.34	cps
Arsenic	75-2	13	3	13	10	57.75	cps
Barium	135-1	117	127	113	119	5.84	cps
Barium	137-1	167	217	187	190	13.25	cps
Beryllium	9-1	482	554	571	536	8.77	cps
Bismuth	209-1	14928662	14978149	14922974	14943262	0.20	cps
Bismuth	209-2	5565491	5518814	5522027	5535444	0.47	cps
Bromine	81-1	5041	5194	5168	5134	1.60	cps
Cadmium	108-1	40	27	33	33	20.00	cps
Cadmium	106-1	8673	8446	8653	8591	1.46	cps
Cadmium	111-1	6070	5920	6060	6017	1.39	cps
Calcium	43-1	547	543	547	546	0.35	cps
Calcium	44-1	31327	31765	31140	31411	1.02	cps
Carbon	12-1	3695934	3556028	3537807	3596590	2.41	cps
Carbon	12-2	23439	24193	24013	23882	1.65	cps
Chlorine	35-1	163279	163983	163377	163547	0.23	cps
Chlorine	35-2	720	667	667	684	4.50	cps
Chromium	52-2	1430	1397	1320	1382	4.08	cps
Cobalt	59-2	153	197	210	187	15.87	cps
Copper	63-2	4081	4444	4031	4185	5.39	cps
Dysprosium	156-1	43	37	47	42	12.06	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	120	147	130	132	10.19	cps
Erbium	164-2	40	57	23	40	41.68	cps
Gadolinium	160-1	150	133	183	156	16.37	cps
Gadolinium	160-2	13	30	17	20	44.10	cps
Holmium	165-1	23133480	22995294	23300317	23143030	0.66	cps
Holmium	165-2	7426122	7380608	7435912	7414214	0.40	cps
Indium	115-1	18641614	18379079	18876134	18632276	1.33	cps
Indium	115-2	1793030	1785826	1805785	1794880	0.56	cps
Iron	54-2	607	660	703	657	7.37	cps
Iron	56-2	8990	8980	9160	9043	1.12	cps
Iron	57-2	187	203	220	203	8.20	cps
Krypton	83-1	330	373	327	343	7.58	cps
Lead	206-1	2840	3014	2834	2896	3.53	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2500	2564	2467	2510	1.96	cps
Lead	208-1	11459	11489	11202	11383	1.38	cps
Lithium	6-1	8493218	8474282	8405400	8457633	0.55	cps
Magnesium	24-2	3847	3817	3524	3729	4.79	cps
Manganese	55-2	187	190	190	189	1.02	cps
Molybdenum	94-1	530	567	467	521	9.71	cps
Molybdenum	95-1	193	240	247	227	12.82	cps
Molybdenum	96-1	317	290	257	288	10.45	cps
Molybdenum	97-1	147	133	147	142	5.41	cps
Molybdenum	98-1	370	297	320	329	11.39	cps
Neodymium	150-1	33	10	3	16	101.28	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2340	2404	2467	2404	2.64	cps
Phosphorus	31-2	87	103	83	91	11.76	cps
Potassium	39-2	16706	16573	16603	16627	0.42	cps
Rhodium	103-1	17826673	17367014	17450503	17548063	1.40	cps
Rhodium	103-2	6574088	6604228	6630430	6602916	0.43	cps
Scandium	45-1	12771587	12714073	12602062	12695907	0.68	cps
Scandium	45-2	247317	246255	247368	246980	0.25	cps
Selenium	82-1	30	17	60	36	62.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	17	30	10	19	53.91	cps
Silicon	28-1	583764	582037	579105	581635	0.40	cps
Silver	107-1	263	277	253	264	4.43	cps
Silver	109-1	127	153	87	122	27.45	cps
Sodium	23-2	80745	81623	81010	81126	0.56	cps
Strontium	86-1	583	587	683	618	9.19	cps
Strontium	88-1	727	627	727	693	8.33	cps
Sulfur	34-1	940455	928722	918551	929243	1.18	cps
Terbium	159-1	23714201	23923705	23725861	23787922	0.49	cps
Terbium	159-2	7288348	7137834	7235482	7220555	1.06	cps
Thallium	203-1	403	403	327	378	11.72	cps
Thallium	205-1	1070	943	1013	1009	6.29	cps
Tin	118-1	1887	1763	1823	1825	3.38	cps
Titanium	47-1	263	223	233	240	8.67	cps
Uranium	238-1	247	287	243	259	9.31	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:22:54	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	37	20	27	33.08	cps
Ytterbium	172-1	77	117	103	99	20.59	cps
Ytterbium	172-2	80	30	67	59	43.97	cps
Ytterbium	176-1	2367	2177	2440	2328	5.84	cps
Ytterbium	176-2	313	363	397	358	11.72	cps
Yttrium	89-1	32256185	31644095	31631131	31843804	1.12	cps
Yttrium	89-2	2274576	2258812	2268583	2267324	0.35	cps
Zinc	66-2	313	283	333	310	8.12	cps
Zirconium	90-1	1030	1083	1040	1051	2.70	cps
Zirconium	91-1	177	220	237	211	14.67	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1870	1790	1760	1807	3.15	cps
Antimony	121-1	42526	41349	42222	42032	1.45	cps
Arsenic	75-2	400	457	523	460	13.42	cps
Barium	135-1	49242	48711	48915	48956	0.55	cps
Barium	137-1	84854	85481	86353	85562	0.88	cps
Beryllium	9-1	7211	7257	7285	7251	0.51	cps
Bismuth	209-1	14807388	14858731	14740389	14802169	0.40	cps
Bismuth	209-2	5565274	5641655	5562869	5589933	0.80	cps
Bromine	81-1	4898	4838	4951	4895	1.16	cps
Cadmium	108-1	433	433	470	446	4.75	cps
Cadmium	106-1	9176	9240	9076	9164	0.90	cps
Cadmium	111-1	11431	11616	11422	11490	0.95	cps
Calcium	43-1	34538	34097	33997	34211	0.84	cps
Calcium	44-1	577172	581240	574657	577690	0.58	cps
Carbon	12-1	3915337	3865021	3769905	3850088	1.92	cps
Carbon	12-2	25819	25923	25339	25694	1.21	cps
Chlorine	35-1	168441	168957	168572	168657	0.16	cps
Chlorine	35-2	750	737	663	717	6.51	cps
Chromium	52-2	10597	10694	11131	10807	2.63	cps
Cobalt	59-2	9233	9470	9340	9348	1.27	cps
Copper	63-2	17761	18265	17911	17979	1.44	cps
Dysprosium	156-1	23	33	47	34	34.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	120	113	127	120	5.55	cps
Erbium	164-2	27	43	33	34	24.35	cps
Gadolinium	160-1	120	107	147	124	16.37	cps
Gadolinium	160-2	37	43	33	38	13.48	cps
Holmium	165-1	23501940	23425445	23117024	23348137	0.87	cps
Holmium	165-2	7547850	7556052	7546169	7550024	0.07	cps
Indium	115-1	18886134	18663847	18664791	18738257	0.68	cps
Indium	115-2	1793319	1795226	1785911	1791485	0.27	cps
Iron	54-2	10411	10471	10481	10454	0.36	cps
Iron	56-2	184578	185651	186118	185449	0.43	cps
Iron	57-2	4521	4554	4724	4600	2.37	cps
Krypton	83-1	307	313	443	354	21.74	cps
Lead	206-1	18984	18957	19138	19026	0.51	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16748	16594	16531	16624	0.67	cps
Lead	208-1	75349	74500	76055	75301	1.03	cps
Lithium	6-1	8469962	8604762	8472518	8515747	0.91	cps
Magnesium	24-2	167803	165464	164752	166006	0.96	cps
Manganese	55-2	1950	1823	2027	1933	5.31	cps
Molybdenum	94-1	41599	42100	43033	42244	1.72	cps
Molybdenum	95-1	50729	52157	52047	51644	1.54	cps
Molybdenum	96-1	56079	57308	58094	57160	1.78	cps
Molybdenum	97-1	32191	31723	31843	31919	0.76	cps
Molybdenum	98-1	81642	83355	81927	82308	1.12	cps
Neodymium	150-1	17	27	17	20	28.86	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	4758	4954	4908	4873	2.11	cps
Phosphorus	31-2	210	230	193	211	8.69	cps
Potassium	39-2	105969	105243	105989	105734	0.40	cps
Rhodium	103-1	17469411	17437243	17561521	17489392	0.37	cps
Rhodium	103-2	6711626	6669864	6560384	6647291	1.18	cps
Scandium	45-1	12602089	12484268	12693498	12593285	0.83	cps
Scandium	45-2	247948	251649	249190	249596	0.75	cps
Selenium	82-1	1620	1543	1440	1535	5.89	cps
Selenium	77-2	13	30	7	17	72.11	cps
Selenium	78-2	90	120	107	106	14.24	cps
Silicon	28-1	676559	677741	674075	676125	0.28	cps
Silver	107-1	25444	25871	25517	25611	0.89	cps
Silver	109-1	23817	23971	23988	23925	0.39	cps
Sodium	23-2	403996	399808	400927	401577	0.54	cps
Strontium	86-1	7015	7322	6998	7112	2.56	cps
Strontium	88-1	59061	58144	57759	58321	1.15	cps
Sulfur	34-1	840020	911338	838319	863226	4.83	cps
Terbium	159-1	23601618	23509849	23790938	23634135	0.61	cps
Terbium	159-2	7190992	7343988	7270465	7268482	1.05	cps
Thallium	203-1	20363	20797	20149	20436	1.61	cps
Thallium	205-1	48778	48249	49400	48809	1.18	cps
Tin	118-1	85599	84713	86075	85462	0.81	cps
Titanium	47-1	16506	16153	15839	16166	2.07	cps
Uranium	238-1	59978	60159	61690	60609	1.55	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:26:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	18338	18559	18045	18314	1.41	cps
Ytterbium	172-1	117	143	97	119	19.69	cps
Ytterbium	172-2	40	47	43	43	7.70	cps
Ytterbium	176-1	2174	2194	2144	2170	1.16	cps
Ytterbium	176-2	347	443	363	384	13.44	cps
Yttrium	89-1	32247205	32116433	32243747	32202462	0.23	cps
Yttrium	89-2	2263656	2270814	2221307	2251926	1.19	cps
Zinc	66-2	3951	4094	3864	3969	2.93	cps
Zirconium	90-1	35335	35796	36692	35941	1.92	cps
Zirconium	91-1	7822	8279	7642	7915	4.15	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82362	82660	80937	81986	1.12	cps
Antimony	121-1	959667	961816	968810	963431	0.50	cps
Arsenic	75-2	19203	19040	19393	19212	0.92	cps
Barium	135-1	1145337	1156696	1158649	1153561	0.62	cps
Barium	137-1	2122841	2109754	2088901	2107165	0.81	cps
Beryllium	9-1	308279	314596	310501	311125	1.03	cps
Bismuth	209-1	14876966	14802736	14728291	14802664	0.50	cps
Bismuth	209-2	5442886	5590287	5445547	5492907	1.54	cps
Bromine	81-1	4644	4688	4544	4625	1.59	cps
Cadmium	108-1	19918	19824	19627	19790	0.75	cps
Cadmium	106-1	35215	36054	36348	35872	1.64	cps
Cadmium	111-1	246378	247965	251954	248766	1.15	cps
Calcium	43-1	310537	309838	316046	312140	1.09	cps
Calcium	44-1	5334380	5316341	5342348	5331023	0.25	cps
Carbon	12-1	4317522	4307734	4230310	4285189	1.11	cps
Carbon	12-2	28811	28064	28808	28561	1.51	cps
Chlorine	35-1	171287	172370	173857	172504	0.75	cps
Chlorine	35-2	770	780	670	740	8.22	cps
Chromium	52-2	212857	211429	211053	211780	0.45	cps
Cobalt	59-2	407741	405705	402008	405152	0.72	cps
Copper	63-2	3315294	3306311	3302001	3307869	0.21	cps
Dysprosium	156-1	37	40	47	41	12.39	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	143	140	133	139	3.67	cps
Erbium	164-2	33	50	57	47	25.76	cps
Gadolinium	160-1	143	137	133	138	3.70	cps
Gadolinium	160-2	43	7	27	26	71.82	cps
Holmium	165-1	23838186	23318720	23405960	23520955	1.18	cps
Holmium	165-2	7498162	7498974	7413358	7470165	0.66	cps
Indium	115-1	18555024	18620616	18478706	18551449	0.38	cps
Indium	115-2	1730323	1753052	1741139	1741505	0.65	cps
Iron	54-2	447496	445171	444433	445700	0.36	cps
Iron	56-2	8307034	8349939	8297316	8318096	0.34	cps
Iron	57-2	199644	202036	201723	201135	0.65	cps
Krypton	83-1	310	320	320	317	1.82	cps
Lead	206-1	4145304	4170702	4165547	4160518	0.32	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3551016	3591300	3566713	3569676	0.57	cps
Lead	208-1	16284114	16419407	16428520	16377347	0.49	cps
Lithium	6-1	8464036	8366097	8260834	8363656	1.22	cps
Magnesium	24-2	1602557	1598914	1578168	1593213	0.83	cps
Manganese	55-2	865484	869393	864945	866607	0.28	cps
Molybdenum	94-1	3456527	3462609	3452693	3457276	0.14	cps
Molybdenum	95-1	5031273	4958429	4991130	4993610	0.73	cps
Molybdenum	96-1	5460603	5491906	5507846	5486785	0.44	cps
Molybdenum	97-1	3130295	3107916	3149489	3129233	0.66	cps
Molybdenum	98-1	8069447	8036442	8073487	8059792	0.25	cps
Neodymium	150-1	87	87	83	86	2.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	115632	114889	115215	115245	0.32	cps
Phosphorus	31-2	4131	4104	3921	4052	2.82	cps
Potassium	39-2	426403	429142	431064	428870	0.55	cps
Rhodium	103-1	17235663	17121552	17303824	17220346	0.53	cps
Rhodium	103-2	6588703	6561102	6376920	6508908	1.77	cps
Scandium	45-1	12721736	12715603	12590750	12676029	0.58	cps
Scandium	45-2	242658	244094	239715	242156	0.92	cps
Selenium	82-1	14471	14661	14598	14577	0.66	cps
Selenium	77-2	250	193	310	251	23.23	cps
Selenium	78-2	830	733	823	796	6.79	cps
Silicon	28-1	1387194	1364106	1417288	1389529	1.92	cps
Silver	107-1	1218099	1229650	1241756	1229835	0.96	cps
Silver	109-1	1162906	1201291	1183160	1182452	1.62	cps
Sodium	23-2	3203342	3225587	3164970	3197966	0.96	cps
Strontium	86-1	304210	305556	308511	306092	0.72	cps
Strontium	88-1	2818425	2806093	2839669	2821396	0.60	cps
Sulfur	34-1	985564	974451	973139	977718	0.70	cps
Terbium	159-1	24274713	24221693	24155909	24217438	0.25	cps
Terbium	159-2	7201668	7329572	7069475	7200238	1.81	cps
Thallium	203-1	937720	948234	951118	945691	0.75	cps
Thallium	205-1	2392302	2363006	2423695	2393001	1.27	cps
Tin	118-1	780537	784322	788548	784469	0.51	cps
Titanium	47-1	1518988	1539458	1528050	1528832	0.67	cps
Uranium	238-1	3162876	3179212	3160843	3167644	0.32	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:29:34	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	165487	164031	163063	164194	0.74	cps
Ytterbium	172-1	170	113	120	134	23.03	cps
Ytterbium	172-2	47	57	53	52	9.75	cps
Ytterbium	176-1	6555	6635	6632	6607	0.69	cps
Ytterbium	176-2	1840	1743	1787	1790	2.71	cps
Yttrium	89-1	32041385	31543108	31994462	31859652	0.86	cps
Yttrium	89-2	2252985	2213400	2167257	2211214	1.94	cps
Zinc	66-2	335853	336398	341572	337941	0.93	cps
Zirconium	90-1	1748404	1780373	1780770	1769849	1.05	cps
Zirconium	91-1	367040	369763	369191	368665	0.39	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201053	202164	199755	200991	0.60	cps
Antimony	121-1	2507494	2513358	2553892	2524914	1.00	cps
Arsenic	75-2	46864	46824	47426	47038	0.72	cps
Barium	135-1	3016414	3079767	3018117	3038099	1.19	cps
Barium	137-1	5183003	5170942	5264480	5206142	0.98	cps
Beryllium	9-1	749543	754022	755286	752950	0.40	cps
Bismuth	209-1	15389309	14641591	14642470	14891124	2.90	cps
Bismuth	209-2	5400349	5412195	5438825	5417123	0.36	cps
Bromine	81-1	4571	4824	4794	4730	2.93	cps
Cadmium	108-1	48181	48742	49167	48697	1.02	cps
Cadmium	106-1	75723	77526	78307	77185	1.72	cps
Cadmium	111-1	600063	609739	610273	606692	0.95	cps
Calcium	43-1	762740	773856	773915	770170	0.84	cps
Calcium	44-1	12860064	13059946	12780616	12900209	1.12	cps
Carbon	12-1	4346529	4367574	4326062	4346721	0.48	cps
Carbon	12-2	29420	29780	29256	29485	0.91	cps
Chlorine	35-1	171077	171992	170694	171254	0.39	cps
Chlorine	35-2	720	643	677	680	5.65	cps
Chromium	52-2	522076	522979	515128	520061	0.83	cps
Cobalt	59-2	990019	996607	986484	991037	0.52	cps
Copper	63-2	8016064	8098528	7974102	8029564	0.79	cps
Dysprosium	156-1	103	73	83	87	17.63	cps
Dysprosium	156-2	3	10	23	12	83.33	cps
Erbium	164-1	130	157	133	140	10.38	cps
Erbium	164-2	40	43	50	44	11.46	cps
Gadolinium	160-1	167	140	137	148	11.13	cps
Gadolinium	160-2	23	23	43	30	38.49	cps
Holmium	165-1	24197317	23290656	23531840	23673271	1.98	cps
Holmium	165-2	7518185	7505957	7422613	7482251	0.70	cps
Indium	115-1	18956882	18203316	18310857	18490352	2.20	cps
Indium	115-2	1731857	1722408	1732750	1729005	0.33	cps
Iron	54-2	1080276	1080777	1073366	1078139	0.38	cps
Iron	56-2	20203552	20409779	20178443	20263925	0.63	cps
Iron	57-2	486715	492295	490210	489740	0.58	cps
Krypton	83-1	270	313	347	310	12.40	cps
Lead	206-1	9819180	10268349	10156529	10081353	2.32	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8576466	8652017	8782245	8670243	1.20	cps
Lead	208-1	39560044	40180329	40307773	40016049	1.00	cps
Lithium	6-1	8593765	8103101	8142613	8279826	3.29	cps
Magnesium	24-2	3947433	3839628	3811819	3866293	1.85	cps
Manganese	55-2	2231591	2245667	2224734	2233997	0.48	cps
Molybdenum	94-1	8440968	8611958	8602657	8551861	1.12	cps
Molybdenum	95-1	12190046	12430548	12626506	12415700	1.76	cps
Molybdenum	96-1	13385980	13618099	13747754	13583944	1.35	cps
Molybdenum	97-1	7599673	7668386	7800093	7689384	1.32	cps
Molybdenum	98-1	20199734	19992190	20094519	20095481	0.52	cps
Neodymium	150-1	200	213	217	210	4.20	cps
Neodymium	150-2	0	0	20	7	173.21	cps
Nickel	60-2	281446	279041	278253	279580	0.59	cps
Phosphorus	31-2	9723	10007	10080	9937	1.90	cps
Potassium	39-2	1024496	1038600	1029459	1030851	0.69	cps
Rhodium	103-1	17660616	16693193	17093051	17148953	2.83	cps
Rhodium	103-2	6283297	6318863	6339813	6313991	0.45	cps
Scandium	45-1	12739489	12221763	12271881	12411044	2.30	cps
Scandium	45-2	240456	239367	242005	240609	0.55	cps
Selenium	82-1	36742	36889	36174	36602	1.03	cps
Selenium	77-2	687	600	647	644	6.73	cps
Selenium	78-2	2097	2140	2057	2098	1.99	cps
Silicon	28-1	2472388	2491572	2472895	2478952	0.44	cps
Silver	107-1	3245983	3253733	3209884	3236533	0.72	cps
Silver	109-1	3022837	3063570	3073220	3053209	0.88	cps
Sodium	23-2	7767945	7584223	7712554	7688241	1.23	cps
Strontium	86-1	745325	762254	764878	757486	1.40	cps
Strontium	88-1	6911652	6923667	6921064	6918795	0.09	cps
Sulfur	34-1	1070683	1063530	1050610	1061608	0.96	cps
Terbium	159-1	24485122	23636160	23655253	23925512	2.03	cps
Terbium	159-2	7186156	7140097	7182561	7169605	0.36	cps
Thallium	203-1	2463808	2577047	2527543	2522799	2.25	cps
Thallium	205-1	5837857	6080778	5894098	5937578	2.14	cps
Tin	118-1	2013264	2017706	2042747	2024572	0.79	cps
Titanium	47-1	3691659	3729505	3765731	3728965	0.99	cps
Uranium	238-1	7809917	7656799	7750938	7739218	1.00	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:32:34	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	401697	405962	401616	403092	0.62	cps
Ytterbium	172-1	187	130	153	157	18.18	cps
Ytterbium	172-2	60	37	50	49	23.94	cps
Ytterbium	176-1	12863	13430	13230	13174	2.18	cps
Ytterbium	176-2	3784	3964	3974	3907	2.74	cps
Yttrium	89-1	32626913	31405211	31239573	31757232	2.39	cps
Yttrium	89-2	2159870	2159150	2166524	2161848	0.19	cps
Zinc	66-2	825355	831898	828012	828421	0.40	cps
Zirconium	90-1	4337052	4309795	4388351	4345066	0.92	cps
Zirconium	91-1	906749	915807	934804	919120	1.56	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387019	393566	390336	390307	0.84	cps
Antimony	121-1	4946198	4997732	4934843	4959591	0.68	cps
Arsenic	75-2	93058	92933	92283	92758	0.45	cps
Barium	135-1	5878172	5933853	5948696	5920240	0.63	cps
Barium	137-1	10267530	10145269	10231400	10214733	0.61	cps
Beryllium	9-1	1528243	1556760	1552884	1545962	1.00	cps
Bismuth	209-1	14648158	14424235	14685195	14585863	0.97	cps
Bismuth	209-2	5285234	5312909	5281272	5293138	0.33	cps
Bromine	81-1	4651	4694	4834	4726	2.03	cps
Cadmium	108-1	96189	96854	96598	96547	0.35	cps
Cadmium	106-1	140870	141884	142608	141787	0.62	cps
Cadmium	111-1	1173081	1195915	1188802	1185932	0.99	cps
Calcium	43-1	1559950	1576477	1581076	1572501	0.71	cps
Calcium	44-1	25420725	25243229	25295975	25319977	0.36	cps
Carbon	12-1	4425101	4517755	4435210	4459355	1.14	cps
Carbon	12-2	30856	31120	31046	31007	0.44	cps
Chlorine	35-1	172994	175338	174977	174436	0.72	cps
Chlorine	35-2	763	800	730	764	4.58	cps
Chromium	52-2	1016430	1003643	1005795	1008623	0.68	cps
Cobalt	59-2	2027896	2006015	2005747	2013219	0.63	cps
Copper	63-2	15695128	15677804	15273961	15548965	1.53	cps
Dysprosium	156-1	133	120	83	112	23.08	cps
Dysprosium	156-2	20	23	23	22	8.65	cps
Erbium	164-1	157	157	197	170	13.58	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	200	140	163	168	18.03	cps
Gadolinium	160-2	37	53	47	46	18.41	cps
Holmium	165-1	23575735	23737026	23298040	23536934	0.94	cps
Holmium	165-2	7226278	7351017	7343905	7307067	0.96	cps
Indium	115-1	18216955	17974739	18070259	18087318	0.67	cps
Indium	115-2	1665310	1682214	1698080	1681868	0.97	cps
Iron	54-2	2198197	2249558	2265786	2237847	1.58	cps
Iron	56-2	39716908	39403327	39149460	39423232	0.72	cps
Iron	57-2	944203	949722	947155	947027	0.29	cps
Krypton	83-1	280	360	280	307	15.06	cps
Lead	206-1	19982791	20190142	20353328	20175420	0.92	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17045579	17480304	17261687	17262523	1.26	cps
Lead	208-1	79542828	80277123	79905722	79908558	0.46	cps
Lithium	6-1	8095265	7910019	8087639	8030974	1.31	cps
Magnesium	24-2	7510787	7653206	7420875	7528289	1.56	cps
Manganese	55-2	4357077	4321182	4226768	4301675	1.56	cps
Molybdenum	94-1	16900020	16953075	16740061	16864385	0.66	cps
Molybdenum	95-1	24816960	24626450	24657971	24700461	0.41	cps
Molybdenum	96-1	26708926	27125133	26931502	26921854	0.77	cps
Molybdenum	97-1	14977962	15701013	15158066	15279013	2.46	cps
Molybdenum	98-1	39647429	40574439	39635314	39952394	1.35	cps
Neodymium	150-1	310	400	320	343	14.37	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	533873	539618	533856	535782	0.62	cps
Phosphorus	31-2	19250	19647	19059	19319	1.55	cps
Potassium	39-2	2089804	2080135	2115552	2095164	0.87	cps
Rhodium	103-1	16472809	16930139	16656350	16686433	1.38	cps
Rhodium	103-2	6144290	6166851	6214248	6175129	0.58	cps
Scandium	45-1	12187785	12155870	12111141	12151599	0.32	cps
Scandium	45-2	232868	232057	232754	232560	0.19	cps
Selenium	82-1	71160	72367	71502	71677	0.87	cps
Selenium	77-2	1217	1227	1213	1219	0.57	cps
Selenium	78-2	3907	3904	4024	3945	1.73	cps
Silicon	28-1	4244939	4296205	4289269	4276804	0.65	cps
Silver	107-1	6360804	6196631	6312294	6289909	1.34	cps
Silver	109-1	6002991	5962149	6015920	5993687	0.47	cps
Sodium	23-2	14865204	15132863	14707724	14901930	1.44	cps
Strontium	86-1	1584559	1588594	1568466	1580540	0.67	cps
Strontium	88-1	13724514	13559206	13676036	13653252	0.62	cps
Sulfur	34-1	1250113	1236185	1240769	1242356	0.57	cps
Terbium	159-1	23616885	23728310	23436485	23593893	0.62	cps
Terbium	159-2	7075953	7068489	7008178	7050874	0.53	cps
Thallium	203-1	4917267	4966386	4943068	4942240	0.50	cps
Thallium	205-1	11846091	11646280	11702638	11731670	0.88	cps
Tin	118-1	4036582	4110890	3964813	4037428	1.81	cps
Titanium	47-1	7257288	7323277	7316451	7299005	0.50	cps
Uranium	238-1	15412087	15506093	15447057	15455079	0.31	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:35:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	790363	794781	790828	791991	0.31	cps
Ytterbium	172-1	143	183	167	164	12.22	cps
Ytterbium	172-2	37	60	60	52	25.79	cps
Ytterbium	176-1	24376	23888	24630	24298	1.55	cps
Ytterbium	176-2	7375	7195	7329	7300	1.28	cps
Yttrium	89-1	30907792	31050370	30536435	30831532	0.86	cps
Yttrium	89-2	2157785	2137227	2095128	2130046	1.50	cps
Zinc	66-2	1717584	1694109	1685352	1699015	0.98	cps
Zirconium	90-1	8479282	8432534	8348960	8420258	0.78	cps
Zirconium	91-1	1906227	1896838	1922336	1908467	0.68	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:38:17	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	766980	754858	757970	759936	0.83	cps
Antimony	121-1	9605033	9574699	9813603	9664445	1.35	cps
Arsenic	75-2	180425	183326	182995	182249	0.87	cps
Barium	135-1	11450063	11528511	11914835	11631136	2.14	cps
Barium	137-1	20349936	20100531	20651368	20367278	1.35	cps
Beryllium	9-1	2983191	2968931	2973561	2975228	0.24	cps
Bismuth	209-1	14149946	14082517	14007564	14080009	0.51	cps
Bismuth	209-2	5137872	5197991	5122024	5152629	0.78	cps
Bromine	81-1	4534	4731	4301	4522	4.76	cps
Cadmium	108-1	186089	190690	188689	188489	1.22	cps
Cadmium	106-1	265974	272515	270931	269807	1.26	cps
Cadmium	111-1	2405186	2413858	2446408	2421818	0.90	cps
Calcium	43-1	3069138	3084783	3102215	3085379	0.54	cps
Calcium	44-1	50125489	50238588	49757158	50040411	0.50	cps
Carbon	12-1	4801887	4761003	4943602	4835497	1.98	cps
Carbon	12-2	35366	35145	34885	35132	0.69	cps
Chlorine	35-1	179181	181648	182161	180997	0.88	cps
Chlorine	35-2	847	787	757	797	5.75	cps
Chromium	52-2	2139060	2110574	2123458	2124364	0.67	cps
Cobalt	59-2	3944536	3846631	3878049	3889739	1.29	cps
Copper	63-2	30262860	30347810	30378200	30329623	0.20	cps
Dysprosium	156-1	197	207	237	213	9.76	cps
Dysprosium	156-2	20	67	27	38	66.81	cps
Erbium	164-1	277	150	240	222	29.33	cps
Erbium	164-2	57	77	63	66	15.54	cps
Gadolinium	160-1	197	227	250	224	11.91	cps
Gadolinium	160-2	33	53	50	46	23.52	cps
Holmium	165-1	22912958	23152545	22365374	22810292	1.77	cps
Holmium	165-2	7264163	7194174	7242164	7233500	0.49	cps
Indium	115-1	17815229	17482753	17478055	17592012	1.10	cps
Indium	115-2	1625485	1653804	1636590	1638626	0.87	cps
Iron	54-2	4331165	4267854	4305777	4301598	0.74	cps
Iron	56-2	77010197	76865207	76508069	76794491	0.34	cps
Iron	57-2	2003842	1956541	1977590	1979325	1.20	cps
Krypton	83-1	337	317	280	311	9.24	cps
Lead	206-1	39240110	39822856	40044974	39702647	1.05	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	33089575	34256713	34251070	33865786	1.98	cps
Lead	208-1	153395864	157515186	157858837	156256629	1.59	cps
Lithium	6-1	8057256	7736313	7686076	7826548	2.57	cps
Magnesium	24-2	14631886	14683259	14742509	14685885	0.38	cps
Manganese	55-2	8472906	8411386	8411244	8431845	0.42	cps
Molybdenum	94-1	32814647	33005336	33388114	33069366	0.88	cps
Molybdenum	95-1	48576133	48100428	49028188	48568249	0.96	cps
Molybdenum	96-1	53582004	52693993	53465291	53247096	0.91	cps
Molybdenum	97-1	30054851	30250669	30696835	30334118	1.08	cps
Molybdenum	98-1	77984961	78542512	80498249	79008574	1.67	cps
Neodymium	150-1	627	717	710	684	7.33	cps
Neodymium	150-2	30	43	23	32	31.61	cps
Nickel	60-2	1038001	1024808	1033189	1031999	0.65	cps
Phosphorus	31-2	37879	37208	37385	37491	0.93	cps
Potassium	39-2	4082088	4064221	4033156	4059822	0.61	cps
Rhodium	103-1	16087585	16285846	16106337	16159923	0.68	cps
Rhodium	103-2	5979063	5954909	5952792	5962255	0.24	cps
Scandium	45-1	12003312	12120896	11719615	11947941	1.73	cps
Scandium	45-2	230219	228231	229699	229383	0.45	cps
Selenium	82-1	137776	138267	138818	138287	0.38	cps
Selenium	77-2	2284	2100	2224	2202	4.24	cps
Selenium	78-2	7849	7619	8049	7839	2.75	cps
Silicon	28-1	7626954	7661328	7713263	7667181	0.57	cps
Silver	107-1	12038925	12220169	12218506	12159200	0.86	cps
Silver	109-1	11283637	11596265	11559410	11479771	1.49	cps
Sodium	23-2	29182200	29488338	28951514	29207351	0.92	cps
Strontium	86-1	3053527	3141896	3166376	3120600	1.90	cps
Strontium	88-1	26630750	27348800	27189835	27056462	1.39	cps
Sulfur	34-1	1607930	1629070	1627984	1621662	0.73	cps
Terbium	159-1	22923281	23441562	23538117	23300987	1.42	cps
Terbium	159-2	7009674	7001043	6959673	6990130	0.38	cps
Thallium	203-1	9470120	9703030	9623067	9598739	1.23	cps
Thallium	205-1	22670542	22928520	23250520	22949861	1.27	cps
Tin	118-1	7781029	7710556	7814820	7768802	0.68	cps
Titanium	47-1	14386033	14626312	14476228	14496191	0.84	cps
Uranium	238-1	30249354	30864614	31020810	30711592	1.33	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:38:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1659100	1619976	1623728	1634268	1.32	cps
Ytterbium	172-1	167	247	213	209	19.24	cps
Ytterbium	172-2	80	50	90	73	28.39	cps
Ytterbium	176-1	44983	45612	46391	45662	1.54	cps
Ytterbium	176-2	13864	14171	13864	13966	1.27	cps
Yttrium	89-1	30313348	30464509	30176705	30318187	0.47	cps
Yttrium	89-2	2124692	2042126	2083401	2083406	1.98	cps
Zinc	66-2	3292886	3242020	3283071	3272659	0.82	cps
Zirconium	90-1	16343346	16735164	16694446	16590986	1.30	cps
Zirconium	91-1	3776268	3735778	3766154	3759400	0.56	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1587068	1549533	1573193	1569931	1.21	cps
Antimony	121-1	19356423	19435429	18952948	19248267	1.34	cps
Arsenic	75-2	357792	352348	351844	353995	0.93	cps
Barium	135-1	23000695	23182832	23341826	23175118	0.74	cps
Barium	137-1	39702835	39773032	39810445	39762104	0.14	cps
Beryllium	9-1	5652199	5649391	5677019	5659536	0.27	cps
Bismuth	209-1	14048139	13934780	13905424	13962781	0.54	cps
Bismuth	209-2	5015740	5005273	4973085	4998033	0.44	cps
Bromine	81-1	4611	4744	4768	4708	1.80	cps
Cadmium	108-1	364833	367807	361721	364787	0.83	cps
Cadmium	106-1	513618	516950	521959	517509	0.81	cps
Cadmium	111-1	4668090	4672256	4641962	4660769	0.35	cps
Calcium	43-1	5926363	5990379	5866648	5927797	1.04	cps
Calcium	44-1	95142329	97452532	96590542	96395134	1.21	cps
Carbon	12-1	5775921	6081073	6200248	6019081	3.64	cps
Carbon	12-2	45126	45096	45530	45251	0.54	cps
Chlorine	35-1	211716	215162	219884	215588	1.90	cps
Chlorine	35-2	1023	877	1040	980	9.17	cps
Chromium	52-2	4131743	4146274	4092239	4123419	0.68	cps
Cobalt	59-2	7608325	7469604	7540815	7539581	0.92	cps
Copper	63-2	58189134	56790877	57368249	57449420	1.22	cps
Dysprosium	156-1	387	400	433	407	5.91	cps
Dysprosium	156-2	70	60	63	64	7.90	cps
Erbium	164-1	350	290	323	321	9.36	cps
Erbium	164-2	107	110	70	96	23.23	cps
Gadolinium	160-1	260	287	267	271	5.12	cps
Gadolinium	160-2	43	77	50	57	31.13	cps
Holmium	165-1	23169000	22973879	22788492	22977124	0.83	cps
Holmium	165-2	7137411	7019174	7171306	7109297	1.12	cps
Indium	115-1	17280484	16947468	17086181	17104711	0.98	cps
Indium	115-2	1581318	1546067	1535342	1554242	1.55	cps
Iron	54-2	8364665	8304112	8310831	8326536	0.40	cps
Iron	56-2	150734431	149525134	148715648	149658404	0.68	cps
Iron	57-2	3798649	3761266	3767671	3775862	0.53	cps
Krypton	83-1	357	333	283	324	11.55	cps
Lead	206-1	77950257	77606687	77810091	77789012	0.22	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	66492221	65954904	65642792	66029972	0.65	cps
Lead	208-1	307556505	307341695	305447194	306781798	0.38	cps
Lithium	6-1	7512734	7564589	7499640	7525654	0.46	cps
Magnesium	24-2	28467133	28066829	28980541	28504834	1.61	cps
Manganese	55-2	16449668	16463602	16351605	16421625	0.37	cps
Molybdenum	94-1	65118186	65845064	65459034	65474095	0.56	cps
Molybdenum	95-1	93762465	95280485	95225632	94756194	0.91	cps
Molybdenum	96-1	102570225	103433005	104336738	103446656	0.85	cps
Molybdenum	97-1	58194009	58569761	58910509	58558093	0.61	cps
Molybdenum	98-1	152377648	155272968	155044534	154231717	1.04	cps
Neodymium	150-1	1303	1277	1337	1306	2.30	cps
Neodymium	150-2	70	47	43	53	27.24	cps
Nickel	60-2	2287280	2288232	2302108	2292540	0.36	cps
Phosphorus	31-2	74389	73341	74141	73957	0.74	cps
Potassium	39-2	7902843	7914168	7976760	7931257	0.50	cps
Rhodium	103-1	15600016	15241364	15376851	15406077	1.18	cps
Rhodium	103-2	5912833	5726620	5704654	5781369	1.98	cps
Scandium	45-1	11915792	11855527	11473390	11748236	2.04	cps
Scandium	45-2	230638	227915	229131	229228	0.60	cps
Selenium	82-1	268786	271248	269653	269895	0.46	cps
Selenium	77-2	4691	4491	4487	4556	2.56	cps
Selenium	78-2	15575	15001	15358	15312	1.89	cps
Silicon	28-1	13578577	13602374	13634588	13605180	0.21	cps
Silver	107-1	23313228	23422365	23320869	23352154	0.26	cps
Silver	109-1	22136435	22517310	21875482	22176409	1.46	cps
Sodium	23-2	57727541	56806261	56774961	57102921	0.95	cps
Strontium	86-1	6009848	6050819	6083287	6047985	0.61	cps
Strontium	88-1	52347816	52485856	52201479	52345050	0.27	cps
Sulfur	34-1	2367634	2370571	2350135	2362780	0.47	cps
Terbium	159-1	23472877	23219275	23048269	23246807	0.92	cps
Terbium	159-2	6945458	6822700	6925275	6897811	0.95	cps
Thallium	203-1	19025656	18693551	18982264	18900491	0.96	cps
Thallium	205-1	45233818	45447204	45093978	45258333	0.39	cps
Tin	118-1	15223710	15381624	15091423	15232253	0.95	cps
Titanium	47-1	27852216	28354689	27938780	28048562	0.96	cps
Uranium	238-1	60200482	60976672	60129766	60435640	0.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:41:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3209960	3252070	3184558	3215529	1.06	cps
Ytterbium	172-1	360	337	283	327	12.03	cps
Ytterbium	172-2	153	113	130	132	15.20	cps
Ytterbium	176-1	90642	90651	88870	90054	1.14	cps
Ytterbium	176-2	27732	27569	27766	27689	0.38	cps
Yttrium	89-1	30798205	30053238	30129129	30326857	1.35	cps
Yttrium	89-2	2064532	2065941	2070318	2066931	0.15	cps
Zinc	66-2	6512534	6396727	6474432	6461231	0.91	cps
Zirconium	90-1	32905750	33100556	33139265	33048524	0.38	cps
Zirconium	91-1	7293826	7296379	7332200	7307468	0.29	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7450571	7350405	7342267	7381081	0.82	cps
Antimony	121-1	19454	19023	18626	19034	2.17	cps
Arsenic	75-2	173	170	163	169	3.01	cps
Barium	135-1	7976	8223	7909	8036	2.06	cps
Barium	137-1	13770	13570	13657	13666	0.73	cps
Beryllium	9-1	2204	2035	1776	2005	10.74	cps
Bismuth	209-1	12210085	11918851	11899052	12009329	1.45	cps
Bismuth	209-2	4403544	4546727	4886354	4612208	5.38	cps
Bromine	81-1	4734	5098	5161	4998	4.61	cps
Cadmium	108-1	217	223	227	222	2.29	cps
Cadmium	106-1	7796	7646	8046	7829	2.58	cps
Cadmium	111-1	5982	5979	6170	6044	1.81	cps
Calcium	43-1	27441199	27667458	27338310	27482322	0.61	cps
Calcium	44-1	443326500	448653967	442623353	444867940	0.74	cps
Carbon	12-1	4449078	4422499	4439464	4437013	0.30	cps
Carbon	12-2	43143	43103	43180	43142	0.09	cps
Chlorine	35-1	154764	155219	152319	154100	1.01	cps
Chlorine	35-2	693	780	723	732	6.01	cps
Chromium	52-2	12299	12449	12512	12420	0.88	cps
Cobalt	59-2	15348	14574	15168	15030	2.70	cps
Copper	63-2	13413	13213	13393	13340	0.83	cps
Dysprosium	156-1	673	670	777	707	8.58	cps
Dysprosium	156-2	223	170	190	194	13.86	cps
Erbium	164-1	790	773	840	801	4.33	cps
Erbium	164-2	267	230	307	268	14.32	cps
Gadolinium	160-1	750	797	720	756	5.11	cps
Gadolinium	160-2	257	230	250	246	5.65	cps
Holmium	165-1	21464554	21071281	21030325	21188720	1.13	cps
Holmium	165-2	6792768	6816726	7506973	7038822	5.76	cps
Indium	115-1	15648866	15459511	15601079	15569819	0.63	cps
Indium	115-2	1420461	1436112	1679662	1512079	9.61	cps
Iron	54-2	37826144	37852279	36860062	37512828	1.51	cps
Iron	56-2	698708470	687297190	683620336	689875332	1.14	cps
Iron	57-2	17240016	17519768	17400554	17386779	0.81	cps
Krypton	83-1	343	300	357	333	8.89	cps
Lead	206-1	17051	16457	16187	16565	2.67	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14485	13868	13681	14011	3.00	cps
Lead	208-1	66948	64326	61664	64313	4.11	cps
Lithium	6-1	6795559	6831305	6871546	6832803	0.56	cps
Magnesium	24-2	131337755	133393018	131452021	132060931	0.87	cps
Manganese	55-2	7322	7068	7145	7179	1.81	cps
Molybdenum	94-1	44802	45284	43682	44589	1.84	cps
Molybdenum	95-1	47882	46136	46919	46979	1.86	cps
Molybdenum	96-1	54299	53867	53362	53843	0.87	cps
Molybdenum	97-1	28483	28680	28112	28425	1.01	cps
Molybdenum	98-1	75052	73691	74890	74544	1.00	cps
Neodymium	150-1	410	350	377	379	7.93	cps
Neodymium	150-2	83	57	100	80	27.32	cps
Nickel	60-2	8476	8826	8386	8563	2.72	cps
Phosphorus	31-2	120	130	117	122	5.68	cps
Potassium	39-2	37541150	37806566	37474223	37607313	0.47	cps
Rhodium	103-1	13539137	13625424	13634931	13599831	0.39	cps
Rhodium	103-2	5136881	5282714	5797647	5405747	6.42	cps
Scandium	45-1	10904227	10793745	10705846	10801273	0.92	cps
Scandium	45-2	219284	216226	237051	224187	5.02	cps
Selenium	82-1	3	70	3	26	150.60	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	10	20	16	32.73	cps
Silicon	28-1	711631	697706	686380	698572	1.81	cps
Silver	107-1	4291	4174	7842	5435	38.35	cps
Silver	109-1	3907	4167	3550	3875	7.99	cps
Sodium	23-2	258171229	258107609	251560530	255946456	1.48	cps
Strontium	86-1	17905	18068	17908	17960	0.52	cps
Strontium	88-1	153433	153921	152354	153236	0.52	cps
Sulfur	34-1	700222	705569	705954	703915	0.46	cps
Terbium	159-1	21849369	21178521	21123290	21383727	1.89	cps
Terbium	159-2	6469481	6601034	7163692	6744736	5.47	cps
Thallium	203-1	1930	1637	1774	1780	8.25	cps
Thallium	205-1	4601	4037	3834	4157	9.56	cps
Tin	118-1	4361	4261	4281	4301	1.23	cps
Titanium	47-1	3877	3647	3721	3748	3.14	cps
Uranium	238-1	3441	2984	2707	3044	12.17	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 14:43:51	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	820	843	820	828	1.63	cps
Ytterbium	172-1	930	860	867	886	4.36	cps
Ytterbium	172-2	367	367	353	362	2.13	cps
Ytterbium	176-1	2514	2564	2837	2638	6.60	cps
Ytterbium	176-2	530	587	567	561	5.12	cps
Yttrium	89-1	27906161	27516943	27605920	27676342	0.74	cps
Yttrium	89-2	1975783	2046585	2181007	2067792	5.04	cps
Zinc	66-2	3254	3277	3307	3279	0.82	cps
Zirconium	90-1	51659	51050	50447	51052	1.19	cps
Zirconium	91-1	11248	11341	11325	11305	0.44	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:20:39	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35320	35954	35998	35757	1.06	cps
Antimony	121-1	3838274	3860576	3832446	3843765	0.39	cps
Arsenic	75-2	72193	71885	71674	71918	0.36	cps
Barium	135-1	438884	444076	441424	441461	0.59	cps
Barium	137-1	757576	773039	772269	767628	1.14	cps
Beryllium	9-1	563952	570374	571883	568736	0.74	cps
Bismuth	209-1	14537261	14827773	14797655	14720896	1.09	cps
Bismuth	209-2	5402162	5134087	5359132	5298460	2.72	cps
Bromine	81-1	4664	4791	4697	4717	1.39	cps
Cadmium	108-1	46652	47739	47321	47237	1.16	cps
Cadmium	106-1	49090	49301	49087	49159	0.25	cps
Cadmium	111-1	471484	473768	472739	472664	0.24	cps
Calcium	43-1	130582	132046	131387	131338	0.56	cps
Calcium	44-1	2215648	2174845	2132505	2174333	1.91	cps
Carbon	12-1	4647725	4658247	4661568	4655847	0.16	cps
Carbon	12-2	31577	31347	30862	31262	1.17	cps
Chlorine	35-1	141086	142311	141234	141544	0.47	cps
Chlorine	35-2	677	610	640	642	5.20	cps
Chromium	52-2	395237	398103	393901	395747	0.54	cps
Cobalt	59-2	755672	756516	756294	756161	0.06	cps
Copper	63-2	601892	599321	596148	599121	0.48	cps
Dysprosium	156-1	40	53	53	49	15.74	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	87	107	113	102	13.58	cps
Erbium	164-2	27	27	37	30	19.24	cps
Gadolinium	160-1	100	153	137	130	20.99	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	22678406	23387520	22764028	22943318	1.69	cps
Holmium	165-2	7263554	6916657	7154719	7111643	2.49	cps
Indium	115-1	17993424	18209885	18263346	18155551	0.79	cps
Indium	115-2	1728446	1620488	1653373	1667436	3.32	cps
Iron	54-2	328183	328462	326291	327646	0.36	cps
Iron	56-2	6002517	6121689	6086639	6070282	1.01	cps
Iron	57-2	143648	145914	144338	144633	0.80	cps
Krypton	83-1	347	293	280	307	11.50	cps
Lead	206-1	3231347	3278582	3274077	3261335	0.80	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:20:39	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2623853	2712864	2680146	2672287	1.68	cps
Lead	208-1	12447090	12573886	12528881	12516619	0.51	cps
Lithium	6-1	7696561	8039113	7825123	7853599	2.20	cps
Magnesium	24-2	309383	312000	308669	310017	0.57	cps
Manganese	55-2	155715	155041	155947	155568	0.30	cps
Molybdenum	94-1	26370053	26287784	26142463	26266767	0.44	cps
Molybdenum	95-1	46763713	46559606	47089834	46804384	0.57	cps
Molybdenum	96-1	50201453	50089136	50255014	50181868	0.17	cps
Molybdenum	97-1	28905248	28917520	29181450	29001406	0.54	cps
Molybdenum	98-1	75141862	76307372	75677659	75708964	0.77	cps
Neodymium	150-1	50	73	37	53	34.79	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	229650	230620	229841	230037	0.22	cps
Phosphorus	31-2	77	90	70	79	12.91	cps
Potassium	39-2	308843	310180	305715	308246	0.74	cps
Rhodium	103-1	16635060	17021675	17093034	16916589	1.46	cps
Rhodium	103-2	6286798	6002359	6098222	6129126	2.36	cps
Scandium	45-1	11983201	12035789	12084812	12034601	0.42	cps
Scandium	45-2	230649	223104	225322	226359	1.71	cps
Selenium	82-1	55089	56668	56812	56190	1.70	cps
Selenium	77-2	863	1003	923	930	7.55	cps
Selenium	78-2	3200	3227	3297	3242	1.54	cps
Silicon	28-1	591949	588892	589721	590187	0.27	cps
Silver	107-1	1083875	1108266	1115629	1102590	1.51	cps
Silver	109-1	1040050	1049117	1061646	1050271	1.03	cps
Sodium	23-2	1216983	1231148	1200170	1216101	1.28	cps
Strontium	86-1	3775032	3854516	3812416	3813988	1.04	cps
Strontium	88-1	32786217	32757752	33119187	32887719	0.61	cps
Sulfur	34-1	764932	760242	758354	761176	0.45	cps
Terbium	159-1	22952311	23631735	23590430	23391492	1.63	cps
Terbium	159-2	7111228	6614374	6822061	6849221	3.64	cps
Thallium	203-1	4424573	4397209	4449865	4423882	0.60	cps
Thallium	205-1	10333571	10418993	10538634	10430400	0.99	cps
Tin	118-1	2850	2850	3030	2910	3.57	cps
Titanium	47-1	1650	1547	2544	1914	28.65	cps
Uranium	238-1	860	773	850	828	5.73	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:20:39	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	299625	298851	297856	298777	0.30	cps
Ytterbium	172-1	83	167	113	121	34.85	cps
Ytterbium	172-2	70	30	67	56	39.95	cps
Ytterbium	176-1	2040	2117	2087	2081	1.86	cps
Ytterbium	176-2	277	307	377	320	16.04	cps
Yttrium	89-1	30290963	31252980	31186584	30910176	1.74	cps
Yttrium	89-2	2119848	2022833	2064446	2069042	2.35	cps
Zinc	66-2	120977	120991	119885	120618	0.53	cps
Zirconium	90-1	1457	1610	1563	1543	5.09	cps
Zirconium	91-1	860	1030	1010	967	9.61	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1630	1687	1737	1685	3.17	cps
Antimony	121-1	39066	39410	39520	39332	0.60	cps
Arsenic	75-2	403	377	500	427	15.21	cps
Barium	135-1	46309	45894	46513	46239	0.68	cps
Barium	137-1	79079	80729	81540	80449	1.56	cps
Beryllium	9-1	6937	6804	6898	6880	0.99	cps
Bismuth	209-1	14556161	14294869	14418255	14423095	0.91	cps
Bismuth	209-2	5379711	5326884	5351859	5352818	0.49	cps
Bromine	81-1	4594	4604	4624	4607	0.33	cps
Cadmium	108-1	397	437	393	409	5.90	cps
Cadmium	106-1	8409	8333	8323	8355	0.57	cps
Cadmium	111-1	10696	10478	10265	10480	2.06	cps
Calcium	43-1	31902	32437	31635	31991	1.28	cps
Calcium	44-1	533325	533786	537018	534710	0.38	cps
Carbon	12-1	3473450	3442138	3406631	3440740	0.97	cps
Carbon	12-2	22928	22163	22524	22538	1.70	cps
Chlorine	35-1	136799	136075	136617	136497	0.28	cps
Chlorine	35-2	603	617	690	637	7.33	cps
Chromium	52-2	9423	9547	9570	9513	0.83	cps
Cobalt	59-2	8609	8873	8819	8767	1.59	cps
Copper	63-2	16770	16063	16430	16421	2.15	cps
Dysprosium	156-1	40	30	37	36	14.32	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	70	113	107	97	24.14	cps
Erbium	164-2	33	13	27	24	41.66	cps
Gadolinium	160-1	137	183	127	149	20.32	cps
Gadolinium	160-2	10	23	17	17	39.99	cps
Holmium	165-1	22879643	22636677	22424605	22646975	1.01	cps
Holmium	165-2	7299370	7231764	7242866	7258000	0.50	cps
Indium	115-1	18139854	17988249	17941897	18023333	0.57	cps
Indium	115-2	1727302	1712195	1699841	1713113	0.80	cps
Iron	54-2	9633	9497	9580	9570	0.72	cps
Iron	56-2	168712	168556	168546	168604	0.06	cps
Iron	57-2	4201	4214	4091	4168	1.62	cps
Krypton	83-1	363	357	397	372	5.76	cps
Lead	206-1	18133	17599	17512	17748	1.89	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15696	15206	15746	15549	1.92	cps
Lead	208-1	71347	69817	71070	70745	1.15	cps
Lithium	6-1	8034021	8108516	7988750	8043762	0.75	cps
Magnesium	24-2	152966	153017	154202	153395	0.46	cps
Manganese	55-2	1887	1823	1813	1841	2.16	cps
Molybdenum	94-1	39646	40054	39961	39887	0.54	cps
Molybdenum	95-1	48186	47782	48129	48033	0.46	cps
Molybdenum	96-1	52713	53262	53352	53109	0.65	cps
Molybdenum	97-1	29381	29879	30383	29881	1.68	cps
Molybdenum	98-1	76811	78349	76278	77146	1.39	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	5114	4771	4504	4796	6.38	cps
Phosphorus	31-2	227	210	163	200	16.41	cps
Potassium	39-2	98228	97157	97929	97771	0.56	cps
Rhodium	103-1	16756679	16746529	16513094	16672101	0.83	cps
Rhodium	103-2	6511533	6323273	6333162	6389323	1.66	cps
Scandium	45-1	12176543	12021179	11981980	12059901	0.85	cps
Scandium	45-2	240639	231580	236348	236189	1.92	cps
Selenium	82-1	1450	1620	1440	1503	6.73	cps
Selenium	77-2	27	27	30	28	6.92	cps
Selenium	78-2	77	97	97	90	12.83	cps
Silicon	28-1	649274	646710	646515	647500	0.24	cps
Silver	107-1	23907	24325	24161	24131	0.87	cps
Silver	109-1	22822	22726	23200	22916	1.09	cps
Sodium	23-2	392741	388469	388186	389799	0.65	cps
Strontium	86-1	6698	6735	6662	6698	0.55	cps
Strontium	88-1	54077	53840	54024	53980	0.23	cps
Sulfur	34-1	815788	815414	811686	814296	0.28	cps
Terbium	159-1	23550248	23120980	22714070	23128433	1.81	cps
Terbium	159-2	6912227	7012357	7022759	6982448	0.87	cps
Thallium	203-1	19979	19538	19388	19635	1.56	cps
Thallium	205-1	46399	46255	46597	46417	0.37	cps
Tin	118-1	79814	80863	81490	80722	1.05	cps
Titanium	47-1	14664	15155	14778	14866	1.73	cps
Uranium	238-1	56582	57179	57102	56954	0.57	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:45:57	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16757	16149	16276	16394	1.95	cps
Ytterbium	172-1	140	110	113	121	13.58	cps
Ytterbium	172-2	33	57	67	52	32.76	cps
Ytterbium	176-1	2064	2060	2197	2107	3.70	cps
Ytterbium	176-2	290	323	360	324	10.79	cps
Yttrium	89-1	30943630	30720045	30254517	30639398	1.15	cps
Yttrium	89-2	2182571	2141488	2157219	2160426	0.96	cps
Zinc	66-2	3817	3624	3697	3713	2.63	cps
Zirconium	90-1	34038	34001	33149	33730	1.49	cps
Zirconium	91-1	7579	7519	7162	7420	3.04	cps

LB Number : LB134654 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2025-02-07 15:49:19 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	80	130	99	27.45	cps
Antimony	121-1	190	183	170	181	5.62	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	160	140	137	146	8.67	cps
Barium	137-1	203	173	243	207	16.99	cps
Beryllium	9-1	535	551	519	535	3.04	cps
Bismuth	209-1	14595661	14691410	14389876	14558982	1.06	cps
Bismuth	209-2	5345787	5469102	5363626	5392838	1.24	cps
Bromine	81-1	4604	4828	4547	4660	3.18	cps
Cadmium	108-1	13	37	13	21	63.83	cps
Cadmium	106-1	8076	7912	8079	8022	1.19	cps
Cadmium	111-1	5674	5550	5673	5632	1.27	cps
Calcium	43-1	483	483	440	469	5.34	cps
Calcium	44-1	29945	28702	29574	29407	2.17	cps
Carbon	12-1	3288216	3262405	3191036	3247219	1.55	cps
Carbon	12-2	21613	21245	21432	21430	0.86	cps
Chlorine	35-1	134774	133933	133173	133960	0.60	cps
Chlorine	35-2	567	550	573	563	2.13	cps
Chromium	52-2	900	743	890	844	10.39	cps
Cobalt	59-2	100	127	143	123	17.73	cps
Copper	63-2	3117	3070	3130	3106	1.01	cps
Dysprosium	156-1	40	33	23	32	26.04	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	137	103	143	128	16.78	cps
Erbium	164-2	43	57	27	42	35.60	cps
Gadolinium	160-1	147	130	117	131	11.46	cps
Gadolinium	160-2	13	37	17	22	56.80	cps
Holmium	165-1	22678093	22938341	22240466	22618967	1.56	cps
Holmium	165-2	7223563	7330735	7272069	7275456	0.74	cps
Indium	115-1	18465773	18342838	18235094	18347902	0.63	cps
Indium	115-2	1725159	1741711	1744842	1737237	0.61	cps
Iron	54-2	467	397	433	432	8.10	cps
Iron	56-2	5835	5895	5831	5853	0.61	cps
Iron	57-2	133	193	127	151	24.30	cps
Krypton	83-1	327	330	390	349	10.22	cps
Lead	206-1	2520	2364	2407	2430	3.33	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:49:19	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2047	2097	2077	2074	1.21	cps
Lead	208-1	9708	9298	9418	9475	2.23	cps
Lithium	6-1	8159942	7889966	8075338	8041749	1.72	cps
Magnesium	24-2	3104	3104	3077	3095	0.50	cps
Manganese	55-2	127	177	190	164	20.30	cps
Molybdenum	94-1	613	447	487	516	16.88	cps
Molybdenum	95-1	187	227	217	210	9.91	cps
Molybdenum	96-1	327	297	290	304	6.41	cps
Molybdenum	97-1	153	97	117	122	23.51	cps
Molybdenum	98-1	290	257	237	261	10.32	cps
Neodymium	150-1	23	17	10	17	39.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1370	1190	1413	1325	8.94	cps
Phosphorus	31-2	113	73	80	89	24.11	cps
Potassium	39-2	17007	17204	17267	17159	0.79	cps
Rhodium	103-1	17005512	16809459	16810397	16875123	0.67	cps
Rhodium	103-2	6479153	6350350	6316114	6381873	1.35	cps
Scandium	45-1	12340356	12330799	11887596	12186251	2.12	cps
Scandium	45-2	237986	240293	233846	237375	1.38	cps
Selenium	82-1	7	13	-110	-30	-231.21	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	3	3	7	4	43.40	cps
Silicon	28-1	551805	549722	549474	550334	0.23	cps
Silver	107-1	480	413	353	416	15.25	cps
Silver	109-1	273	290	280	281	2.98	cps
Sodium	23-2	93608	94584	92282	93491	1.24	cps
Strontium	86-1	690	607	580	626	9.17	cps
Strontium	88-1	630	717	657	668	6.65	cps
Sulfur	34-1	802494	804261	804762	803839	0.15	cps
Terbium	159-1	23240565	23317825	23123573	23227321	0.42	cps
Terbium	159-2	7088527	7136903	7026062	7083831	0.78	cps
Thallium	203-1	580	527	497	534	7.90	cps
Thallium	205-1	1220	1313	1410	1315	7.23	cps
Tin	118-1	1837	1833	1840	1837	0.18	cps
Titanium	47-1	293	250	277	273	8.00	cps
Uranium	238-1	37	40	40	39	4.94	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:49:19	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	17	23	20	16.65	cps
Ytterbium	172-1	147	143	137	142	3.58	cps
Ytterbium	172-2	40	40	37	39	4.94	cps
Ytterbium	176-1	2134	2127	1934	2065	5.50	cps
Ytterbium	176-2	293	303	307	301	2.30	cps
Yttrium	89-1	31528390	30945915	30843780	31106028	1.19	cps
Yttrium	89-2	2188364	2168747	2171858	2176323	0.48	cps
Zinc	66-2	270	300	220	263	15.35	cps
Zirconium	90-1	1000	1027	910	979	6.25	cps
Zirconium	91-1	230	167	210	202	16.01	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:52:39	DataFile Name :	026ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7312165	7154941	7146575	7204560	1.29	cps
Antimony	121-1	20536	20889	20549	20658	0.97	cps
Arsenic	75-2	147	127	70	114	34.75	cps
Barium	135-1	6705	6108	6638	6484	5.05	cps
Barium	137-1	11048	10754	11088	10963	1.66	cps
Beryllium	9-1	2056	2029	1961	2015	2.43	cps
Bismuth	209-1	12999492	13259200	13115059	13124584	0.99	cps
Bismuth	209-2	4859133	4820834	4816418	4832128	0.49	cps
Bromine	81-1	7695	8009	7679	7794	2.39	cps
Cadmium	108-1	6435	6001	6098	6178	3.68	cps
Cadmium	106-1	7189	7285	7402	7292	1.47	cps
Cadmium	111-1	7873	8127	8345	8115	2.91	cps
Calcium	43-1	5978115	5921655	5913428	5937733	0.59	cps
Calcium	44-1	95635665	95952432	96306745	95964947	0.35	cps
Carbon	12-1	47900024	48761069	48109546	48256880	0.93	cps
Carbon	12-2	328911	329667	327298	328625	0.37	cps
Chlorine	35-1	86623519	93229719	96084175	91979138	5.28	cps
Chlorine	35-2	412303	414368	415312	413994	0.37	cps
Chromium	52-2	78541	78376	78661	78526	0.18	cps
Cobalt	59-2	8513	8453	8776	8580	2.01	cps
Copper	63-2	48589	48539	49004	48711	0.52	cps
Dysprosium	156-1	117	110	80	102	19.11	cps
Dysprosium	156-2	37	27	27	30	19.24	cps
Erbium	164-1	170	227	167	188	17.96	cps
Erbium	164-2	70	53	83	69	21.82	cps
Gadolinium	160-1	223	163	213	200	16.07	cps
Gadolinium	160-2	20	47	47	38	40.76	cps
Holmium	165-1	22224506	22063471	22632215	22306731	1.31	cps
Holmium	165-2	7084638	7083031	6960582	7042750	1.01	cps
Indium	115-1	16818293	16779110	16753891	16783765	0.19	cps
Indium	115-2	1474123	1507950	1487258	1489777	1.14	cps
Iron	54-2	16429748	16577114	16549191	16518684	0.47	cps
Iron	56-2	301996342	305334289	302796922	303375851	0.57	cps
Iron	57-2	7616464	7692405	7559062	7622644	0.88	cps
Krypton	83-1	363	327	303	331	9.13	cps
Lead	206-1	70986	69444	69874	70101	1.14	cps

LB Number : LB134654 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired : 2025-02-07 15:52:39 DataFile Name : 026ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	55127	55016	53918	54687	1.22	cps
Lead	208-1	263699	261299	257740	260913	1.15	cps
Lithium	6-1	7525547	7403809	7313361	7414239	1.44	cps
Magnesium	24-2	27085372	26809569	26628315	26841085	0.86	cps
Manganese	55-2	12385	12622	12232	12413	1.58	cps
Molybdenum	94-1	10348535	10476839	10444391	10423255	0.64	cps
Molybdenum	95-1	18501139	18715959	18685810	18634303	0.62	cps
Molybdenum	96-1	19595167	20123425	19869034	19862542	1.33	cps
Molybdenum	97-1	11280862	11493097	11364495	11379485	0.94	cps
Molybdenum	98-1	29552118	29727548	29990346	29756671	0.74	cps
Neodymium	150-1	83	100	87	90	9.80	cps
Neodymium	150-2	20	30	13	21	39.75	cps
Nickel	60-2	11798	11898	11948	11882	0.64	cps
Phosphorus	31-2	371778	369787	370201	370589	0.28	cps
Potassium	39-2	15575115	15663196	15440421	15559577	0.72	cps
Rhodium	103-1	14840377	14927255	14767541	14845058	0.54	cps
Rhodium	103-2	5573016	5758511	5683423	5671650	1.65	cps
Scandium	45-1	11387554	11518708	11263922	11390061	1.12	cps
Scandium	45-2	219576	222788	218697	220354	0.98	cps
Selenium	82-1	-7	-10	17	0	435901.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	7	10	11	45.82	cps
Silicon	28-1	946841	945095	930465	940800	0.96	cps
Silver	107-1	1903	1900	1717	1840	5.81	cps
Silver	109-1	1790	1753	1577	1707	6.68	cps
Sodium	23-2	58245851	56786926	56531001	57187926	1.62	cps
Strontium	86-1	193692	192125	196488	194102	1.14	cps
Strontium	88-1	1776314	1828495	1817760	1807523	1.52	cps
Sulfur	34-1	8401444	8349328	8280581	8343785	0.73	cps
Terbium	159-1	22563771	22486271	22600633	22550225	0.26	cps
Terbium	159-2	6726584	6766421	6714559	6735855	0.40	cps
Thallium	203-1	2240	2640	2910	2597	12.98	cps
Thallium	205-1	5621	6328	6762	6237	9.23	cps
Tin	118-1	4554	4744	4444	4581	3.31	cps
Titanium	47-1	5767703	5719876	5781328	5756302	0.56	cps
Uranium	238-1	980	910	997	962	4.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 15:52:39	DataFile Name :	026ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	450	400	430	427	5.90	cps
Ytterbium	172-1	130	147	133	137	6.45	cps
Ytterbium	172-2	57	43	50	50	13.34	cps
Ytterbium	176-1	1913	1940	1950	1935	0.98	cps
Ytterbium	176-2	280	277	240	266	8.36	cps
Yttrium	89-1	28769960	29369125	29148752	29095946	1.04	cps
Yttrium	89-2	2040215	2072939	2025030	2046061	1.20	cps
Zinc	66-2	7269	7485	7289	7348	1.63	cps
Zirconium	90-1	1460	1387	1427	1425	2.58	cps
Zirconium	91-1	333	310	243	296	15.80	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7241469	7094562	7107878	7147969	1.14	cps
Antimony	121-1	383697	392528	394048	390091	1.43	cps
Arsenic	75-2	7529	7379	7349	7419	1.30	cps
Barium	135-1	93594	94557	94251	94134	0.52	cps
Barium	137-1	165762	166240	166338	166113	0.19	cps
Beryllium	9-1	115760	116956	117245	116654	0.68	cps
Bismuth	209-1	14005765	13252243	13235610	13497873	3.26	cps
Bismuth	209-2	4763119	4816635	4900014	4826589	1.43	cps
Bromine	81-1	6305	6368	6568	6414	2.14	cps
Cadmium	108-1	12129	12279	11735	12048	2.33	cps
Cadmium	106-1	15789	15616	15833	15746	0.73	cps
Cadmium	111-1	96731	95622	97766	96706	1.11	cps
Calcium	43-1	5900549	5915900	5911724	5909391	0.13	cps
Calcium	44-1	95279575	95857199	96686642	95941139	0.74	cps
Carbon	12-1	48207619	50409848	50475094	49697520	2.60	cps
Carbon	12-2	348670	339743	342210	343541	1.34	cps
Chlorine	35-1	82724990	90707105	95935399	89789165	7.41	cps
Chlorine	35-2	413422	410477	416177	413359	0.69	cps
Chromium	52-2	156394	157608	155043	156348	0.82	cps
Cobalt	59-2	156594	154822	153271	154896	1.07	cps
Copper	63-2	161253	161426	161971	161550	0.23	cps
Dysprosium	156-1	93	67	77	79	17.07	cps
Dysprosium	156-2	43	23	30	32	31.61	cps
Erbium	164-1	177	197	203	192	7.22	cps
Erbium	164-2	67	43	67	59	22.88	cps
Gadolinium	160-1	200	187	163	183	10.12	cps
Gadolinium	160-2	27	57	50	44	35.44	cps
Holmium	165-1	23579813	22678240	22365539	22874530	2.76	cps
Holmium	165-2	6948539	6958292	7097623	7001485	1.19	cps
Indium	115-1	17650178	16919525	16899496	17156400	2.49	cps
Indium	115-2	1474827	1493704	1499937	1489489	0.88	cps
Iron	54-2	16324346	16166171	16298720	16263079	0.52	cps
Iron	56-2	298742842	297128102	302037169	299302704	0.84	cps
Iron	57-2	7604234	7457229	7511428	7524297	0.99	cps
Krypton	83-1	313	333	370	339	8.48	cps
Lead	206-1	359570	364075	364889	362844	0.79	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	297780	301483	302222	300495	0.79	cps
Lead	208-1	1386691	1402476	1408306	1399157	0.80	cps
Lithium	6-1	7776899	7389494	7317702	7494698	3.30	cps
Magnesium	24-2	26941690	26023655	26451680	26472341	1.74	cps
Manganese	55-2	43296	43630	43356	43427	0.41	cps
Molybdenum	94-1	10330710	10497074	10554336	10460707	1.11	cps
Molybdenum	95-1	18391128	18976107	18801889	18723042	1.60	cps
Molybdenum	96-1	19800308	19934881	19882786	19872658	0.34	cps
Molybdenum	97-1	11433484	11526039	11358043	11439189	0.74	cps
Molybdenum	98-1	30257452	30279208	29741819	30092826	1.01	cps
Neodymium	150-1	77	93	140	103	31.77	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	52085	51329	51757	51724	0.73	cps
Phosphorus	31-2	369114	363615	365547	366092	0.76	cps
Potassium	39-2	15443576	15332715	15361158	15379149	0.37	cps
Rhodium	103-1	15841202	15243276	14836692	15307057	3.30	cps
Rhodium	103-2	5638616	5631895	5657799	5642770	0.24	cps
Scandium	45-1	12146621	11533487	11671996	11784035	2.73	cps
Scandium	45-2	219010	219216	222148	220125	0.80	cps
Selenium	82-1	5965	5605	5668	5746	3.35	cps
Selenium	77-2	117	90	113	107	13.62	cps
Selenium	78-2	307	297	347	317	8.35	cps
Silicon	28-1	941166	961538	955668	952791	1.10	cps
Silver	107-1	423413	429729	429988	427710	0.87	cps
Silver	109-1	405086	410565	410063	408572	0.74	cps
Sodium	23-2	57167717	56060938	56531099	56586585	0.98	cps
Strontium	86-1	193645	196825	200036	196835	1.62	cps
Strontium	88-1	1819182	1823209	1818281	1820224	0.14	cps
Sulfur	34-1	8330474	8426163	8330329	8362322	0.66	cps
Terbium	159-1	23923668	22716607	22728140	23122805	3.00	cps
Terbium	159-2	6578990	6779232	6707259	6688494	1.52	cps
Thallium	203-1	359139	365234	367818	364064	1.22	cps
Thallium	205-1	869180	876720	874859	873586	0.45	cps
Tin	118-1	4771	4748	4447	4655	3.87	cps
Titanium	47-1	5693785	5768387	5773971	5745381	0.78	cps
Uranium	238-1	973	973	1023	990	2.92	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:00:34	DataFile Name :	028ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	62244	60193	61233	61223	1.68	cps
Ytterbium	172-1	170	150	137	152	11.02	cps
Ytterbium	172-2	57	60	40	52	20.52	cps
Ytterbium	176-1	1857	1843	1870	1857	0.72	cps
Ytterbium	176-2	310	273	290	291	6.31	cps
Yttrium	89-1	30514727	29408467	29121693	29681629	2.48	cps
Yttrium	89-2	2017203	2030864	2084641	2044236	1.74	cps
Zinc	66-2	18836	18462	18746	18681	1.04	cps
Zirconium	90-1	1370	1340	1390	1367	1.84	cps
Zirconium	91-1	300	373	300	324	13.05	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3722824	3716032	3792122	3743659	1.12	cps
Antimony	121-1	8701610	8888002	8860583	8816732	1.14	cps
Arsenic	75-2	165657	167219	165479	166118	0.58	cps
Barium	135-1	10662911	10685463	10820650	10723008	0.80	cps
Barium	137-1	18781298	18687440	18657688	18708808	0.34	cps
Beryllium	9-1	2705396	2732803	2721084	2719761	0.51	cps
Bismuth	209-1	12726375	12848588	12727274	12767412	0.55	cps
Bismuth	209-2	4633694	4636926	4705522	4658714	0.87	cps
Bromine	81-1	5164	4654	4934	4918	5.20	cps
Cadmium	108-1	163641	167197	164478	165105	1.13	cps
Cadmium	106-1	237102	238592	239157	238284	0.45	cps
Cadmium	111-1	2108953	2140224	2153861	2134346	1.08	cps
Calcium	43-1	14065604	13875774	14025990	13989123	0.72	cps
Calcium	44-1	226631523	227144070	226047830	226607808	0.24	cps
Carbon	12-1	4927158	5124740	5198083	5083327	2.76	cps
Carbon	12-2	42769	43203	42023	42665	1.40	cps
Chlorine	35-1	1244227	1217294	1179554	1213692	2.68	cps
Chlorine	35-2	4818	4457	4287	4521	5.99	cps
Chromium	52-2	1974112	1982069	1971719	1975966	0.27	cps
Cobalt	59-2	3553364	3576870	3521930	3550721	0.78	cps
Copper	63-2	26659305	26012170	26340932	26337469	1.23	cps
Dysprosium	156-1	497	493	487	492	1.03	cps
Dysprosium	156-2	90	113	113	106	12.76	cps
Erbium	164-1	540	473	560	524	8.65	cps
Erbium	164-2	133	157	233	174	29.99	cps
Gadolinium	160-1	487	483	430	467	6.81	cps
Gadolinium	160-2	150	150	130	143	8.06	cps
Holmium	165-1	21711339	21670107	21569241	21650229	0.34	cps
Holmium	165-2	6875170	6858324	6854334	6862609	0.16	cps
Indium	115-1	16567133	16431876	16420612	16473207	0.49	cps
Indium	115-2	1439066	1444026	1442464	1441852	0.18	cps
Iron	54-2	19482206	19648146	19486865	19539072	0.48	cps
Iron	56-2	356390421	351598741	354530928	354173364	0.68	cps
Iron	57-2	8883764	9006839	8923625	8938076	0.70	cps
Krypton	83-1	400	347	310	352	12.85	cps
Lead	206-1	35059554	35470084	35425269	35318302	0.64	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30133235	29613175	29985030	29910480	0.90	cps
Lead	208-1	138162317	138288774	139471973	138641021	0.52	cps
Lithium	6-1	7318651	7286140	7265670	7290154	0.37	cps
Magnesium	24-2	66539899	66821186	66579846	66646977	0.23	cps
Manganese	55-2	7929081	7764063	7829928	7841024	1.06	cps
Molybdenum	94-1	30958650	31041613	30831005	30943756	0.34	cps
Molybdenum	95-1	44919868	45264706	44874526	45019700	0.47	cps
Molybdenum	96-1	49965868	49301584	49133549	49467000	0.89	cps
Molybdenum	97-1	27878172	27640974	27819827	27779658	0.44	cps
Molybdenum	98-1	72089546	71093982	73053182	72078903	1.36	cps
Neodymium	150-1	733	757	683	724	5.17	cps
Neodymium	150-2	63	60	37	53	27.24	cps
Nickel	60-2	1121856	1125462	1112109	1119809	0.62	cps
Phosphorus	31-2	34882	34695	33799	34459	1.68	cps
Potassium	39-2	18906776	18954166	19040143	18967028	0.36	cps
Rhodium	103-1	14719714	14382352	14384594	14495553	1.34	cps
Rhodium	103-2	5531832	5495181	5469189	5498734	0.57	cps
Scandium	45-1	11433728	11236035	11244399	11304721	0.99	cps
Scandium	45-2	221062	221084	222831	221659	0.46	cps
Selenium	82-1	121844	123057	123854	122918	0.82	cps
Selenium	77-2	2204	2050	2037	2097	4.42	cps
Selenium	78-2	7089	7122	7092	7101	0.26	cps
Silicon	28-1	6990956	6906918	6961165	6953013	0.61	cps
Silver	107-1	10547205	10671660	10715929	10644932	0.82	cps
Silver	109-1	9977278	10151155	9966098	10031510	1.03	cps
Sodium	23-2	134333168	132983185	134312951	133876435	0.58	cps
Strontium	86-1	2850995	2888479	2865029	2868168	0.66	cps
Strontium	88-1	25017205	24874559	24671570	24854444	0.70	cps
Sulfur	34-1	1533681	1549970	1547529	1543727	0.57	cps
Terbium	159-1	22451603	22090276	22219888	22253922	0.82	cps
Terbium	159-2	6567676	6633371	6538077	6579708	0.74	cps
Thallium	203-1	8524254	8739943	8630740	8631646	1.25	cps
Thallium	205-1	20789779	20501609	20724415	20671934	0.73	cps
Tin	118-1	7090542	7164104	7144529	7133059	0.53	cps
Titanium	47-1	13384796	13589449	13288220	13420822	1.15	cps
Uranium	238-1	27553503	27739253	28122552	27805103	1.04	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:11:51	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1551096	1547374	1537191	1545220	0.47	cps
Ytterbium	172-1	427	587	493	502	16.00	cps
Ytterbium	172-2	187	190	210	196	6.45	cps
Ytterbium	176-1	42625	42883	42645	42718	0.34	cps
Ytterbium	176-2	13093	13607	13237	13312	1.99	cps
Yttrium	89-1	29423959	28632873	28947604	29001478	1.37	cps
Yttrium	89-2	2010188	2059904	2036706	2035599	1.22	cps
Zinc	66-2	2863084	2882179	2863136	2869466	0.38	cps
Zirconium	90-1	15612845	15801782	15695791	15703473	0.60	cps
Zirconium	91-1	3505246	3539419	3485566	3510077	0.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	227	197	221	10.04	cps
Antimony	121-1	3150	2807	2574	2844	10.20	cps
Arsenic	75-2	17	7	13	12	41.65	cps
Barium	135-1	737	883	627	749	17.19	cps
Barium	137-1	1623	1230	1067	1307	21.90	cps
Beryllium	9-1	1512	1462	1317	1431	7.08	cps
Bismuth	209-1	14512577	14380846	14173224	14355549	1.19	cps
Bismuth	209-2	5297889	5290418	5303152	5297153	0.12	cps
Bromine	81-1	4738	4674	4711	4708	0.68	cps
Cadmium	108-1	53	47	47	49	7.86	cps
Cadmium	106-1	8196	8193	7946	8111	1.77	cps
Cadmium	111-1	5956	5972	5659	5863	3.01	cps
Calcium	43-1	1433	1373	1327	1378	3.88	cps
Calcium	44-1	47984	46128	42242	45451	6.45	cps
Carbon	12-1	4198660	4178268	4157776	4178235	0.49	cps
Carbon	12-2	27977	27529	28284	27930	1.36	cps
Chlorine	35-1	903304	875741	857556	878867	2.62	cps
Chlorine	35-2	3607	3344	3520	3490	3.85	cps
Chromium	52-2	843	843	947	878	6.80	cps
Cobalt	59-2	300	290	293	294	1.73	cps
Copper	63-2	4444	4271	4317	4344	2.07	cps
Dysprosium	156-1	17	30	20	22	31.22	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	87	147	100	111	28.35	cps
Erbium	164-2	23	33	27	28	18.33	cps
Gadolinium	160-1	100	113	140	118	17.29	cps
Gadolinium	160-2	30	23	13	22	37.76	cps
Holmium	165-1	22699508	22661656	22367449	22576204	0.81	cps
Holmium	165-2	7225428	7237121	7163493	7208681	0.55	cps
Indium	115-1	18452818	18128739	18027807	18203121	1.22	cps
Indium	115-2	1707957	1679735	1681742	1689812	0.93	cps
Iron	54-2	1273	1237	1167	1226	4.42	cps
Iron	56-2	21874	19527	18820	20074	7.96	cps
Iron	57-2	497	527	483	502	4.42	cps
Krypton	83-1	293	293	307	298	2.58	cps
Lead	206-1	7966	7556	6845	7456	7.60	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6815	6538	5548	6301	10.58	cps
Lead	208-1	31329	29617	26061	29002	9.27	cps
Lithium	6-1	7847658	7937261	7804110	7863010	0.86	cps
Magnesium	24-2	4131	3447	3627	3735	9.49	cps
Manganese	55-2	660	527	513	567	14.31	cps
Molybdenum	94-1	3247	2764	2354	2788	16.04	cps
Molybdenum	95-1	3951	3224	2687	3287	19.29	cps
Molybdenum	96-1	4337	3837	2924	3699	19.38	cps
Molybdenum	97-1	2350	2060	1590	2000	19.18	cps
Molybdenum	98-1	5938	5178	4201	5106	17.06	cps
Neodymium	150-1	17	27	3	16	75.27	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1527	1470	1567	1521	3.19	cps
Phosphorus	31-2	83	80	83	82	2.34	cps
Potassium	39-2	25756	25369	25159	25428	1.19	cps
Rhodium	103-1	17042165	16783686	16714013	16846621	1.03	cps
Rhodium	103-2	6352731	6228583	6271448	6284254	1.00	cps
Scandium	45-1	11976086	11994709	11918248	11963014	0.33	cps
Scandium	45-2	231916	231095	228698	230570	0.73	cps
Selenium	82-1	13	47	40	33	52.92	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	20	10	12	56.76	cps
Silicon	28-1	552280	551046	549408	550911	0.26	cps
Silver	107-1	2057	1693	1620	1790	13.06	cps
Silver	109-1	2090	1660	1407	1719	20.10	cps
Sodium	23-2	130530	127766	128076	128791	1.18	cps
Strontium	86-1	867	687	717	757	12.75	cps
Strontium	88-1	1997	2057	1617	1890	12.63	cps
Sulfur	34-1	779601	780467	780935	780335	0.09	cps
Terbium	159-1	23038115	22959021	22942720	22979952	0.22	cps
Terbium	159-2	6895512	6882318	6953396	6910408	0.55	cps
Thallium	203-1	2420	1934	1670	2008	18.95	cps
Thallium	205-1	5194	4591	4487	4758	8.03	cps
Tin	118-1	2854	2854	2840	2849	0.27	cps
Titanium	47-1	1247	1080	840	1056	19.37	cps
Uranium	238-1	1883	1753	1240	1626	20.93	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:14:35	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70	73	67	70	4.76	cps
Ytterbium	172-1	93	140	110	114	20.67	cps
Ytterbium	172-2	57	50	53	53	6.25	cps
Ytterbium	176-1	1930	1913	1883	1909	1.24	cps
Ytterbium	176-2	217	250	250	239	8.06	cps
Yttrium	89-1	30878881	30319941	30160210	30453011	1.24	cps
Yttrium	89-2	2172201	2135113	2088975	2132096	1.96	cps
Zinc	66-2	763	847	813	808	5.19	cps
Zirconium	90-1	2754	2280	2160	2398	13.08	cps
Zirconium	91-1	587	563	430	527	16.05	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	113	160	142	17.75	cps
Antimony	121-1	280	250	270	267	5.73	cps
Arsenic	75-2	0	20	0	7	173.21	cps
Barium	135-1	200	197	213	203	4.34	cps
Barium	137-1	247	203	227	226	9.61	cps
Beryllium	9-1	650	662	694	669	3.37	cps
Bismuth	209-1	14354794	14312089	14352761	14339881	0.17	cps
Bismuth	209-2	5443950	5337686	5352154	5377930	1.07	cps
Bromine	81-1	4901	4908	5198	5002	3.39	cps
Cadmium	108-1	30	47	30	36	27.07	cps
Cadmium	106-1	7979	8022	7495	7832	3.73	cps
Cadmium	111-1	5608	5676	5296	5527	3.67	cps
Calcium	43-1	527	467	450	481	8.38	cps
Calcium	44-1	30810	30806	30098	30571	1.34	cps
Carbon	12-1	3353920	3152456	3198791	3235056	3.26	cps
Carbon	12-2	21246	21576	21306	21376	0.82	cps
Chlorine	35-1	7327502	6374357	5743056	6481638	12.31	cps
Chlorine	35-2	19977	18886	17013	18625	8.05	cps
Chromium	52-2	833	1007	903	914	9.54	cps
Cobalt	59-2	97	133	130	120	16.90	cps
Copper	63-2	3851	3797	3841	3829	0.74	cps
Dysprosium	156-1	30	37	23	30	22.23	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	137	117	103	119	14.11	cps
Erbium	164-2	13	40	33	29	48.05	cps
Gadolinium	160-1	123	90	103	106	15.89	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	22634933	22454339	22348753	22479342	0.64	cps
Holmium	165-2	7374808	7081091	7255796	7237232	2.04	cps
Indium	115-1	18232945	17989019	17602181	17941381	1.77	cps
Indium	115-2	1742289	1708644	1744407	1731780	1.16	cps
Iron	54-2	820	803	617	747	15.12	cps
Iron	56-2	11959	11682	12293	11978	2.55	cps
Iron	57-2	297	293	273	288	4.38	cps
Krypton	83-1	337	360	300	332	9.10	cps
Lead	206-1	5618	5561	5188	5456	4.28	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5108	4821	4538	4822	5.91	cps
Lead	208-1	22801	21961	20780	21847	4.65	cps
Lithium	6-1	7908861	8054638	7791485	7918328	1.66	cps
Magnesium	24-2	2460	2367	2160	2329	6.59	cps
Manganese	55-2	187	223	223	211	10.03	cps
Molybdenum	94-1	517	530	610	552	9.14	cps
Molybdenum	95-1	307	277	237	273	12.85	cps
Molybdenum	96-1	390	330	373	364	8.50	cps
Molybdenum	97-1	160	167	197	174	11.20	cps
Molybdenum	98-1	397	403	423	408	3.40	cps
Neodymium	150-1	10	23	13	16	44.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1523	1527	1370	1473	6.08	cps
Phosphorus	31-2	83	97	70	83	16.00	cps
Potassium	39-2	20311	20264	20141	20239	0.43	cps
Rhodium	103-1	17010969	16990462	16806001	16935811	0.67	cps
Rhodium	103-2	6443920	6346114	6454509	6414848	0.93	cps
Scandium	45-1	12206114	12218676	12185652	12203481	0.14	cps
Scandium	45-2	237725	234385	238342	236817	0.90	cps
Selenium	82-1	-3	23	73	31	125.12	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	17	10	7	11	45.82	cps
Silicon	28-1	557703	554676	553261	555213	0.41	cps
Silver	107-1	747	643	620	670	10.06	cps
Silver	109-1	593	463	487	514	13.47	cps
Sodium	23-2	106233	106451	106686	106457	0.21	cps
Strontium	86-1	680	570	537	596	12.59	cps
Strontium	88-1	657	630	603	630	4.23	cps
Sulfur	34-1	672296	676383	674282	674320	0.30	cps
Terbium	159-1	23210845	23438879	23001959	23217227	0.94	cps
Terbium	159-2	7155389	7071446	6988251	7071695	1.18	cps
Thallium	203-1	2020	1867	1790	1892	6.19	cps
Thallium	205-1	4571	4254	4117	4314	5.39	cps
Tin	118-1	1977	2030	1877	1961	3.97	cps
Titanium	47-1	317	277	250	281	11.94	cps
Uranium	238-1	37	50	43	43	15.38	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PB166302BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:24:44	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	23	20	17	52.90	cps
Ytterbium	172-1	117	160	113	130	20.02	cps
Ytterbium	172-2	53	43	53	50	11.55	cps
Ytterbium	176-1	1853	1723	1833	1803	3.88	cps
Ytterbium	176-2	253	277	303	278	9.01	cps
Yttrium	89-1	31291714	31039419	31286043	31205725	0.46	cps
Yttrium	89-2	2221957	2214605	2182721	2206427	0.95	cps
Zinc	66-2	303	283	300	296	3.63	cps
Zirconium	90-1	1157	1020	1100	1092	6.29	cps
Zirconium	91-1	230	187	217	211	10.51	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3460	3340	3304	3368	2.43	cps
Antimony	121-1	73968	73104	74759	73944	1.12	cps
Arsenic	75-2	833	837	847	839	0.83	cps
Barium	135-1	85712	86282	87718	86571	1.19	cps
Barium	137-1	150156	151362	151316	150944	0.45	cps
Beryllium	9-1	12154	12568	12354	12358	1.68	cps
Bismuth	209-1	14468875	14573419	14477572	14506622	0.40	cps
Bismuth	209-2	4852628	5509609	5637634	5333290	7.90	cps
Bromine	81-1	4474	4704	4728	4635	3.02	cps
Cadmium	108-1	773	660	670	701	8.95	cps
Cadmium	106-1	8653	8853	9070	8858	2.35	cps
Cadmium	111-1	14659	14651	15296	14869	2.49	cps
Calcium	43-1	71383	73155	70780	71772	1.72	cps
Calcium	44-1	1088536	1080174	1094850	1087853	0.68	cps
Carbon	12-1	4366318	4398133	4334924	4366459	0.72	cps
Carbon	12-2	30054	29576	29269	29633	1.33	cps
Chlorine	35-1	4640288	4721533	4739780	4700534	1.13	cps
Chlorine	35-2	18882	19240	18679	18934	1.50	cps
Chromium	52-2	16853	16977	17107	16979	0.75	cps
Cobalt	59-2	15969	16339	16026	16111	1.24	cps
Copper	63-2	30529	29955	30526	30337	1.09	cps
Dysprosium	156-1	33	33	37	34	5.60	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	137	97	100	111	19.98	cps
Erbium	164-2	30	50	43	41	24.77	cps
Gadolinium	160-1	187	133	90	137	35.43	cps
Gadolinium	160-2	10	30	13	18	60.28	cps
Holmium	165-1	23010427	22507986	22496141	22671518	1.29	cps
Holmium	165-2	6625083	7480651	7565786	7223840	7.20	cps
Indium	115-1	18229552	18352954	18476793	18353099	0.67	cps
Indium	115-2	1565710	1773073	1824990	1721258	7.97	cps
Iron	54-2	68171	68989	67220	68127	1.30	cps
Iron	56-2	1234779	1223976	1220713	1226490	0.60	cps
Iron	57-2	30506	29998	30339	30281	0.85	cps
Krypton	83-1	277	323	263	288	10.95	cps
Lead	206-1	32471	33323	32360	32718	1.61	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28999	28829	28946	28925	0.30	cps
Lead	208-1	131555	131201	130567	131108	0.38	cps
Lithium	6-1	7942843	7885949	7979809	7936200	0.60	cps
Magnesium	24-2	272842	274110	270095	272349	0.75	cps
Manganese	55-2	3507	3560	3344	3470	3.25	cps
Molybdenum	94-1	73121	74532	74250	73968	1.01	cps
Molybdenum	95-1	88157	88731	89607	88831	0.82	cps
Molybdenum	96-1	99086	99839	99443	99456	0.38	cps
Molybdenum	97-1	56150	56424	56173	56249	0.27	cps
Molybdenum	98-1	144617	144507	144648	144591	0.05	cps
Neodymium	150-1	3	13	27	14	81.07	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	5715	5825	5771	5770	0.95	cps
Phosphorus	31-2	323	280	250	284	12.96	cps
Potassium	39-2	176899	177510	177729	177379	0.24	cps
Rhodium	103-1	16996684	17001671	16777481	16925279	0.76	cps
Rhodium	103-2	5770815	6591014	6790003	6383944	8.46	cps
Scandium	45-1	12471300	12385814	12087914	12315009	1.63	cps
Scandium	45-2	214440	244401	254711	237851	8.80	cps
Selenium	82-1	2717	2860	2680	2753	3.46	cps
Selenium	77-2	47	50	60	52	13.28	cps
Selenium	78-2	157	103	173	144	25.32	cps
Silicon	28-1	882405	882252	885356	883338	0.20	cps
Silver	107-1	45541	46562	45806	45970	1.15	cps
Silver	109-1	43077	43712	44234	43675	1.33	cps
Sodium	23-2	664713	656680	654162	658519	0.84	cps
Strontium	86-1	2667132	2632704	2636175	2645337	0.72	cps
Strontium	88-1	22856240	22830674	22817524	22834812	0.09	cps
Sulfur	34-1	707923	707954	713906	709928	0.49	cps
Terbium	159-1	23210428	23282522	23175505	23222818	0.24	cps
Terbium	159-2	6449663	7307710	7266085	7007819	6.90	cps
Thallium	203-1	36956	36525	36655	36712	0.60	cps
Thallium	205-1	87734	87700	88976	88136	0.82	cps
Tin	118-1	146820	148980	149445	148415	0.94	cps
Titanium	47-1	7139	6662	7058	6953	3.67	cps
Uranium	238-1	105732	107062	107325	106706	0.80	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	PB166302BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 16:28:03	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32156	32323	32099	32193	0.36	cps
Ytterbium	172-1	150	143	103	132	19.09	cps
Ytterbium	172-2	47	47	53	49	7.86	cps
Ytterbium	176-1	2170	2120	2097	2129	1.76	cps
Ytterbium	176-2	327	357	423	369	13.41	cps
Yttrium	89-1	31464259	31167770	30605265	31079098	1.40	cps
Yttrium	89-2	1970671	2237825	2316491	2174996	8.33	cps
Zinc	66-2	6748	6452	6632	6610	2.26	cps
Zirconium	90-1	61943	63500	63028	62824	1.27	cps
Zirconium	91-1	13577	14287	13677	13847	2.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	140	120	139	13.22	cps
Antimony	121-1	433	327	290	350	21.27	cps
Arsenic	75-2	10	7	7	8	24.71	cps
Barium	135-1	357	210	290	286	25.72	cps
Barium	137-1	560	347	413	440	24.80	cps
Beryllium	9-1	354	341	270	322	14.05	cps
Bismuth	209-1	52343789	57804999	52971851	54373546	5.50	cps
Bismuth	209-2	21094082	22081071	21136166	21437106	2.60	cps
Bromine	81-1	2970	2844	2617	2810	6.37	cps
Cadmium	108-1	80	60	43	61	30.04	cps
Cadmium	106-1	17415	18820	16924	17719	5.55	cps
Cadmium	111-1	12224	13185	11850	12420	5.55	cps
Calcium	43-1	833	653	697	728	12.91	cps
Calcium	44-1	33329	29280	28645	30418	8.35	cps
Carbon	12-1	7454094	5113556	4955000	5840884	23.96	cps
Carbon	12-2	27556	27048	28337	27647	2.35	cps
Chlorine	35-1	1478436	1804075	1957306	1746606	14.00	cps
Chlorine	35-2	7185	6948	6598	6911	4.27	cps
Chromium	52-2	523	607	717	616	15.75	cps
Cobalt	59-2	437	387	360	394	9.87	cps
Copper	63-2	3737	3844	3901	3827	2.17	cps
Dysprosium	156-1	53	40	40	44	17.32	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	373	463	350	396	15.13	cps
Erbium	164-2	140	143	123	136	7.90	cps
Gadolinium	160-1	317	323	353	331	5.90	cps
Gadolinium	160-2	63	93	77	78	19.33	cps
Holmium	165-1	83670620	92459775	86210455	87446950	5.17	cps
Holmium	165-2	29378060	30468237	29548901	29798399	1.97	cps
Indium	115-1	65656255	72069277	69203012	68976181	4.66	cps
Indium	115-2	6849682	7188485	6762759	6933642	3.24	cps
Iron	54-2	757	717	877	783	10.63	cps
Iron	56-2	10371	9720	10798	10296	5.27	cps
Iron	57-2	243	283	287	271	8.89	cps
Krypton	83-1	4074	2504	2430	3003	30.93	cps
Lead	206-1	5178	3320	2984	3827	30.87	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4521	2830	2727	3359	29.98	cps
Lead	208-1	20531	12629	12109	15090	31.27	cps
Lithium	6-1	30274673	34400675	32949654	32541667	6.43	cps
Magnesium	24-2	3067	3147	3297	3170	3.68	cps
Manganese	55-2	193	240	197	210	12.40	cps
Molybdenum	94-1	1970	1690	1700	1787	8.89	cps
Molybdenum	95-1	1310	700	740	917	37.23	cps
Molybdenum	96-1	1610	910	970	1163	33.35	cps
Molybdenum	97-1	763	467	450	560	31.48	cps
Molybdenum	98-1	2007	1030	1263	1433	35.59	cps
Neodymium	150-1	43	33	43	40	14.43	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	1090	983	1060	1044	5.27	cps
Phosphorus	31-2	60	70	63	64	7.90	cps
Potassium	39-2	12976	12592	12916	12828	1.61	cps
Rhodium	103-1	61092914	67864996	63326949	64094953	5.38	cps
Rhodium	103-2	25845797	26814840	25031181	25897273	3.45	cps
Scandium	45-1	43821726	48970598	46647029	46479784	5.55	cps
Scandium	45-2	959055	988240	966695	971330	1.56	cps
Selenium	82-1	-120	-27	-113	-87	-60.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	10	10	12	31.50	cps
Silicon	28-1	1154469	774061	786607	905045	23.88	cps
Silver	107-1	1067	790	857	904	15.97	cps
Silver	109-1	490	537	420	482	12.18	cps
Sodium	23-2	78734	78607	78127	78489	0.41	cps
Strontium	86-1	6845	4344	4271	5153	28.44	cps
Strontium	88-1	3947	2917	3384	3416	15.10	cps
Sulfur	34-1	378337	368572	356515	367808	2.97	cps
Terbium	159-1	85947429	93330382	88139439	89139083	4.25	cps
Terbium	159-2	28243246	29594699	27780829	28539591	3.30	cps
Thallium	203-1	1333	963	930	1076	20.81	cps
Thallium	205-1	3431	2547	2440	2806	19.37	cps
Tin	118-1	1053	807	843	901	14.77	cps
Titanium	47-1	660	483	447	530	21.52	cps
Uranium	238-1	600	333	403	446	31.03	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01REDLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9RE	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:33:32	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	10	23	24	61.49	cps
Ytterbium	172-1	500	517	447	488	7.50	cps
Ytterbium	172-2	163	213	203	193	13.68	cps
Ytterbium	176-1	4854	5001	4414	4756	6.42	cps
Ytterbium	176-2	803	910	920	878	7.37	cps
Yttrium	89-1	109293322	125562615	118261035	117705657	6.92	cps
Yttrium	89-2	8728704	9016869	8485517	8743697	3.04	cps
Zinc	66-2	443	353	380	392	11.79	cps
Zirconium	90-1	3821	3881	3774	3825	1.40	cps
Zirconium	91-1	727	893	760	793	11.12	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945624	933901	936404	938643	0.66	cps
Antimony	121-1	8089	7789	7782	7887	2.22	cps
Arsenic	75-2	11188	10684	10738	10870	2.55	cps
Barium	135-1	556551	558840	557291	557561	0.21	cps
Barium	137-1	972080	969400	968972	970151	0.17	cps
Beryllium	9-1	3754	3876	3805	3812	1.61	cps
Bismuth	209-1	14617727	14351256	14447943	14472308	0.93	cps
Bismuth	209-2	5418582	5349828	5373994	5380801	0.65	cps
Bromine	81-1	7545	7595	7652	7598	0.70	cps
Cadmium	108-1	117	123	153	131	14.90	cps
Cadmium	106-1	8466	8059	7966	8164	3.26	cps
Cadmium	111-1	6358	6045	5929	6111	3.63	cps
Calcium	43-1	184095	185260	185817	185057	0.47	cps
Calcium	44-1	3200958	3150338	3215400	3188899	1.07	cps
Carbon	12-1	3970023	3890344	3879764	3913377	1.26	cps
Carbon	12-2	25859	25355	25198	25471	1.36	cps
Chlorine	35-1	98456345	109284785	111739658	106493596	6.64	cps
Chlorine	35-2	486894	488985	489526	488468	0.28	cps
Chromium	52-2	115787	114525	114416	114909	0.66	cps
Cobalt	59-2	118440	117826	117765	118010	0.32	cps
Copper	63-2	312012	308504	309080	309866	0.61	cps
Dysprosium	156-1	41334	41518	42323	41725	1.26	cps
Dysprosium	156-2	14284	14948	13921	14384	3.62	cps
Erbium	164-1	39799	39328	40441	39856	1.40	cps
Erbium	164-2	12489	12840	12536	12622	1.51	cps
Gadolinium	160-1	43671	43537	43648	43619	0.16	cps
Gadolinium	160-2	16961	16784	17228	16991	1.32	cps
Holmium	165-1	23220535	22907981	22867631	22998716	0.84	cps
Holmium	165-2	7358036	7407725	7396143	7387301	0.35	cps
Indium	115-1	18781455	18542998	18317979	18547478	1.25	cps
Indium	115-2	1745335	1750185	1751142	1748887	0.18	cps
Iron	54-2	5803116	5635893	5695448	5711485	1.48	cps
Iron	56-2	102283752	102662565	102752808	102566375	0.24	cps
Iron	57-2	2593884	2580270	2605375	2593176	0.48	cps
Krypton	83-1	527	423	477	476	10.87	cps
Lead	206-1	198612	201331	199059	199667	0.73	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	162169	165574	165119	164287	1.13	cps
Lead	208-1	773128	774844	769885	772619	0.33	cps
Lithium	6-1	8453050	8479175	8179651	8370625	1.98	cps
Magnesium	24-2	1779772	1714329	1741730	1745277	1.88	cps
Manganese	55-2	430411	427782	432344	430179	0.53	cps
Molybdenum	94-1	9421	13012	8633	10355	22.54	cps
Molybdenum	95-1	5161	5518	5354	5344	3.34	cps
Molybdenum	96-1	7817	6925	6929	7224	7.12	cps
Molybdenum	97-1	3470	3204	3127	3267	5.52	cps
Molybdenum	98-1	8499	8593	8653	8582	0.90	cps
Neodymium	150-1	44624	43788	43955	44122	1.00	cps
Neodymium	150-2	10317	9857	9910	10028	2.51	cps
Nickel	60-2	87577	87202	85985	86921	0.96	cps
Phosphorus	31-2	1517	1420	1420	1452	3.84	cps
Potassium	39-2	75645	75288	76515	75816	0.83	cps
Rhodium	103-1	17286775	17396281	17258308	17313788	0.42	cps
Rhodium	103-2	6413763	6481971	6423232	6439655	0.57	cps
Scandium	45-1	13160910	13046695	12832736	13013447	1.28	cps
Scandium	45-2	249745	248062	245964	247924	0.76	cps
Selenium	82-1	70	40	47	52	30.17	cps
Selenium	77-2	43	87	83	71	33.91	cps
Selenium	78-2	60	53	53	56	6.93	cps
Silicon	28-1	60174631	57811924	57639022	58541859	2.42	cps
Silver	107-1	5374	5294	5138	5269	2.29	cps
Silver	109-1	5068	4704	4634	4802	4.85	cps
Sodium	23-2	137567	137366	141763	138899	1.79	cps
Strontium	86-1	168211	168384	167642	168079	0.23	cps
Strontium	88-1	1528192	1533363	1587615	1549723	2.12	cps
Sulfur	34-1	717556	683712	669116	690128	3.60	cps
Terbium	159-1	24063016	24030559	23842126	23978567	0.50	cps
Terbium	159-2	7104019	7144294	6929563	7059292	1.62	cps
Thallium	203-1	3187	3124	3117	3143	1.23	cps
Thallium	205-1	7592	7442	7926	7653	3.23	cps
Tin	118-1	3927	3717	3681	3775	3.53	cps
Titanium	47-1	39084	40687	54895	44889	19.39	cps
Uranium	238-1	14128	14438	13974	14180	1.67	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:36:52	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110241	108319	109881	109480	0.93	cps
Ytterbium	172-1	11602	11395	11578	11525	0.98	cps
Ytterbium	172-2	4317	4264	4287	4290	0.62	cps
Ytterbium	176-1	9317	9253	9671	9414	2.39	cps
Ytterbium	176-2	3017	2994	2970	2994	0.78	cps
Yttrium	89-1	32995971	32474979	32395425	32622125	1.00	cps
Yttrium	89-2	2303657	2257447	2232801	2264635	1.59	cps
Zinc	66-2	46359	45446	46700	46168	1.40	cps
Zirconium	90-1	18261	16634	32174	22356	38.20	cps
Zirconium	91-1	6736	4441	3747	4975	31.44	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858956	882020	873652	871543	1.34	cps
Antimony	121-1	10100	10304	10137	10181	1.07	cps
Arsenic	75-2	10854	10964	10537	10785	2.06	cps
Barium	135-1	541906	548094	535512	541837	1.16	cps
Barium	137-1	959070	941102	943932	948035	1.02	cps
Beryllium	9-1	3649	3589	3539	3592	1.53	cps
Bismuth	209-1	14388645	14303782	14311033	14334486	0.33	cps
Bismuth	209-2	5289492	5335912	5244747	5290050	0.86	cps
Bromine	81-1	6678	6608	6848	6712	1.84	cps
Cadmium	108-1	120	117	90	109	15.10	cps
Cadmium	106-1	7732	7552	7696	7660	1.24	cps
Cadmium	111-1	5699	5642	5837	5726	1.76	cps
Calcium	43-1	177899	178657	178168	178241	0.22	cps
Calcium	44-1	3084881	3107011	3027069	3072987	1.34	cps
Carbon	12-1	4458518	4409465	4482669	4450217	0.84	cps
Carbon	12-2	29941	29917	30067	29975	0.27	cps
Chlorine	35-1	103441388	111093882	114056955	109530742	5.00	cps
Chlorine	35-2	486358	492899	496639	491965	1.06	cps
Chromium	52-2	107899	108846	108753	108499	0.48	cps
Cobalt	59-2	112456	112654	112413	112508	0.11	cps
Copper	63-2	303689	304898	299744	302777	0.89	cps
Dysprosium	156-1	40862	40401	40735	40666	0.59	cps
Dysprosium	156-2	14415	14054	14181	14217	1.29	cps
Erbium	164-1	39338	39208	38576	39040	1.04	cps
Erbium	164-2	12252	12379	12319	12317	0.51	cps
Gadolinium	160-1	42253	41555	43267	42358	2.03	cps
Gadolinium	160-2	16544	16777	16283	16535	1.49	cps
Holmium	165-1	22881608	22912811	22638404	22810941	0.66	cps
Holmium	165-2	7246412	7316789	7287678	7283626	0.49	cps
Indium	115-1	18205299	17850246	17802214	17952586	1.23	cps
Indium	115-2	1697635	1717959	1704182	1706592	0.61	cps
Iron	54-2	5346374	5318672	5296549	5320532	0.47	cps
Iron	56-2	98553129	96800899	97455952	97603326	0.91	cps
Iron	57-2	2503718	2438640	2464485	2468948	1.33	cps
Krypton	83-1	357	380	377	371	3.40	cps
Lead	206-1	201600	202074	200121	201265	0.51	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	165024	162891	162354	163423	0.86	cps
Lead	208-1	773461	767153	769948	770187	0.41	cps
Lithium	6-1	8118584	7994708	8085604	8066299	0.80	cps
Magnesium	24-2	1681616	1691223	1651512	1674784	1.24	cps
Manganese	55-2	419380	413016	417316	416571	0.78	cps
Molybdenum	94-1	9253	9263	9053	9190	1.29	cps
Molybdenum	95-1	6245	6165	6051	6154	1.58	cps
Molybdenum	96-1	7776	7686	7529	7663	1.63	cps
Molybdenum	97-1	3884	3867	3837	3863	0.61	cps
Molybdenum	98-1	9880	9997	9690	9856	1.57	cps
Neodymium	150-1	42026	42266	42166	42153	0.29	cps
Neodymium	150-2	9734	9390	9397	9507	2.07	cps
Nickel	60-2	81910	82789	82393	82364	0.53	cps
Phosphorus	31-2	1250	1367	1173	1263	7.71	cps
Potassium	39-2	68706	67440	67808	67985	0.96	cps
Rhodium	103-1	16949151	16580246	16834589	16787996	1.12	cps
Rhodium	103-2	6388751	6365840	6289266	6347952	0.82	cps
Scandium	45-1	12482359	12588785	12225693	12432279	1.50	cps
Scandium	45-2	238653	239388	240022	239354	0.29	cps
Selenium	82-1	140	53	103	99	43.99	cps
Selenium	77-2	80	90	67	79	14.84	cps
Selenium	78-2	60	70	50	60	16.67	cps
Silicon	28-1	43902284	43405809	43697294	43668463	0.57	cps
Silver	107-1	4491	4808	4921	4740	4.70	cps
Silver	109-1	4204	4401	4878	4494	7.71	cps
Sodium	23-2	136339	138873	137978	137730	0.93	cps
Strontium	86-1	161898	163271	161743	162304	0.52	cps
Strontium	88-1	1526780	1499624	1499195	1508533	1.05	cps
Sulfur	34-1	649578	647455	646126	647719	0.27	cps
Terbium	159-1	23214126	22692511	22979782	22962140	1.14	cps
Terbium	159-2	7033891	7118746	6926388	7026342	1.37	cps
Thallium	203-1	2580	2914	3467	2987	15.00	cps
Thallium	205-1	6732	7409	7842	7328	7.64	cps
Tin	118-1	4161	4104	4311	4192	2.55	cps
Titanium	47-1	32904	32908	31996	32603	1.61	cps
Uranium	238-1	13764	13778	13647	13730	0.52	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:40:06	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	105310	105656	105045	105337	0.29	cps
Ytterbium	172-1	11452	11365	11342	11386	0.51	cps
Ytterbium	172-2	4221	4407	4011	4213	4.71	cps
Ytterbium	176-1	9050	8966	8670	8895	2.25	cps
Ytterbium	176-2	3000	2860	2857	2906	2.82	cps
Yttrium	89-1	31945072	31654800	31520524	31706798	0.68	cps
Yttrium	89-2	2237255	2183504	2210854	2210537	1.22	cps
Zinc	66-2	43791	43530	43473	43598	0.39	cps
Zirconium	90-1	15916	15722	15796	15811	0.62	cps
Zirconium	91-1	3437	3434	3571	3480	2.24	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179958	176113	177327	177799	1.11	cps
Antimony	121-1	1890	2020	1920	1943	3.50	cps
Arsenic	75-2	2287	2137	2157	2194	3.71	cps
Barium	135-1	107452	106454	107455	107120	0.54	cps
Barium	137-1	186074	188504	187371	187316	0.65	cps
Beryllium	9-1	1044	1140	1120	1101	4.61	cps
Bismuth	209-1	14648784	14334682	14695124	14559530	1.35	cps
Bismuth	209-2	5378055	5428023	5362246	5389442	0.64	cps
Bromine	81-1	5111	5088	5344	5181	2.74	cps
Cadmium	108-1	30	40	30	33	17.32	cps
Cadmium	106-1	7525	7906	7616	7682	2.59	cps
Cadmium	111-1	5350	5609	5460	5473	2.38	cps
Calcium	43-1	35497	35347	35427	35424	0.21	cps
Calcium	44-1	595010	593444	606873	598442	1.23	cps
Carbon	12-1	4066922	4018795	4068054	4051257	0.69	cps
Carbon	12-2	26327	26410	27065	26601	1.52	cps
Chlorine	35-1	26013816	27210591	27394159	26872855	2.79	cps
Chlorine	35-2	116316	113554	114327	114733	1.24	cps
Chromium	52-2	22942	22621	22378	22647	1.25	cps
Cobalt	59-2	23279	22738	23206	23074	1.27	cps
Copper	63-2	63796	63521	63350	63556	0.35	cps
Dysprosium	156-1	7999	8256	8123	8126	1.58	cps
Dysprosium	156-2	2660	2590	2664	2638	1.57	cps
Erbium	164-1	7816	7939	8256	8004	2.84	cps
Erbium	164-2	2517	2474	2420	2470	1.96	cps
Gadolinium	160-1	8883	8556	8446	8628	2.63	cps
Gadolinium	160-2	3474	3384	3387	3415	1.49	cps
Holmium	165-1	22737856	22766727	22738500	22747694	0.07	cps
Holmium	165-2	7370560	7393188	7382456	7382068	0.15	cps
Indium	115-1	18604116	18146403	18222828	18324449	1.34	cps
Indium	115-2	1745222	1731144	1736523	1737630	0.41	cps
Iron	54-2	1046281	1039172	1044203	1043218	0.35	cps
Iron	56-2	20216410	20288615	19910368	20138464	1.00	cps
Iron	57-2	482019	479542	477392	479651	0.48	cps
Krypton	83-1	340	353	377	357	5.20	cps
Lead	206-1	42817	43396	43289	43167	0.71	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	35405	35759	35224	35463	0.77	cps
Lead	208-1	165631	167319	166520	166490	0.51	cps
Lithium	6-1	8086533	8050558	7925503	8020864	1.05	cps
Magnesium	24-2	322100	322646	323029	322592	0.14	cps
Manganese	55-2	85303	84411	84776	84830	0.53	cps
Molybdenum	94-1	2074	1977	2084	2045	2.88	cps
Molybdenum	95-1	1253	1193	1180	1209	3.23	cps
Molybdenum	96-1	1510	1703	1590	1601	6.07	cps
Molybdenum	97-1	870	730	750	783	9.67	cps
Molybdenum	98-1	1967	1967	2094	2009	3.64	cps
Neodymium	150-1	8483	8496	8549	8509	0.41	cps
Neodymium	150-2	2047	1964	1907	1972	3.57	cps
Nickel	60-2	18002	17751	17848	17867	0.71	cps
Phosphorus	31-2	320	317	293	310	4.69	cps
Potassium	39-2	29186	28021	28525	28577	2.05	cps
Rhodium	103-1	17150471	16866480	16924352	16980434	0.88	cps
Rhodium	103-2	6384131	6330152	6545839	6420041	1.75	cps
Scandium	45-1	12432564	12213707	12270786	12305686	0.92	cps
Scandium	45-2	242609	241758	239428	241265	0.68	cps
Selenium	82-1	-17	30	-3	3	721.14	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	20	20	13	18	21.66	cps
Silicon	28-1	9966229	9684256	9939734	9863406	1.58	cps
Silver	107-1	1360	1237	1207	1268	6.41	cps
Silver	109-1	1017	1060	1117	1064	4.71	cps
Sodium	23-2	107663	106407	108392	107487	0.93	cps
Strontium	86-1	31516	32240	31873	31876	1.14	cps
Strontium	88-1	278537	280669	280179	279795	0.40	cps
Sulfur	34-1	631755	634147	628305	631402	0.47	cps
Terbium	159-1	23190300	23679315	23093908	23321175	1.35	cps
Terbium	159-2	7194040	7079567	7085278	7119628	0.91	cps
Thallium	203-1	1357	1387	1463	1402	3.92	cps
Thallium	205-1	3624	3307	3324	3418	5.21	cps
Tin	118-1	2360	2207	2204	2257	3.97	cps
Titanium	47-1	6208	6361	6625	6398	3.30	cps
Uranium	238-1	2794	2594	2787	2725	4.17	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 16:43:21	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20939	21032	21470	21147	1.34	cps
Ytterbium	172-1	2444	2380	2217	2347	4.98	cps
Ytterbium	172-2	847	917	987	917	7.64	cps
Ytterbium	176-1	3224	3227	3157	3203	1.23	cps
Ytterbium	176-2	697	873	820	797	11.37	cps
Yttrium	89-1	31230468	30603191	30897330	30910330	1.02	cps
Yttrium	89-2	2211619	2189922	2239740	2213760	1.13	cps
Zinc	66-2	9066	9133	9246	9149	1.00	cps
Zirconium	90-1	3684	3814	4034	3844	4.60	cps
Zirconium	91-1	847	963	913	908	6.45	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882648	878650	888210	883169	0.54	cps
Antimony	121-1	207081	205356	208648	207028	0.80	cps
Arsenic	75-2	11975	11995	12022	11997	0.20	cps
Barium	135-1	1442347	1436949	1442533	1440610	0.22	cps
Barium	137-1	2628004	2632409	2643137	2634517	0.30	cps
Beryllium	9-1	33401	33722	34119	33747	1.07	cps
Bismuth	209-1	14410476	14635454	14321392	14455774	1.12	cps
Bismuth	209-2	5321739	5325288	5297002	5314676	0.29	cps
Bromine	81-1	6155	6958	6642	6585	6.15	cps
Cadmium	108-1	1827	1760	1910	1832	4.10	cps
Cadmium	106-1	9954	9824	9784	9854	0.90	cps
Cadmium	111-1	29449	29231	29068	29250	0.65	cps
Calcium	43-1	209355	206592	206653	207533	0.76	cps
Calcium	44-1	3332591	3297669	3312253	3314171	0.53	cps
Carbon	12-1	4368020	4345273	4370118	4361137	0.32	cps
Carbon	12-2	29533	29099	29349	29327	0.74	cps
Chlorine	35-1	108598985	115681845	117814518	114031783	4.23	cps
Chlorine	35-2	507214	506567	509717	507833	0.33	cps
Chromium	52-2	194341	192302	191737	192793	0.71	cps
Cobalt	59-2	514444	511102	515463	513670	0.44	cps
Copper	63-2	454566	452078	452520	453055	0.29	cps
Dysprosium	156-1	40351	40832	40107	40430	0.91	cps
Dysprosium	156-2	14077	13757	13897	13911	1.15	cps
Erbium	164-1	38161	38365	38967	38498	1.09	cps
Erbium	164-2	12109	12126	11989	12074	0.62	cps
Gadolinium	160-1	41902	42889	42514	42435	1.17	cps
Gadolinium	160-2	16527	16297	16964	16596	2.04	cps
Holmium	165-1	23492244	23168908	22883224	23181459	1.31	cps
Holmium	165-2	7408611	7381994	7411363	7400656	0.22	cps
Indium	115-1	18512727	18157239	18113317	18261094	1.20	cps
Indium	115-2	1743321	1719136	1739252	1733903	0.75	cps
Iron	54-2	5337214	5309433	5313680	5320109	0.28	cps
Iron	56-2	97343315	97622509	96479562	97148462	0.61	cps
Iron	57-2	2493274	2474752	2503413	2490480	0.58	cps
Krypton	83-1	420	403	387	403	4.13	cps
Lead	206-1	221509	225941	226431	224627	1.21	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	182059	185308	184682	184016	0.94	cps
Lead	208-1	856325	869864	869095	865095	0.88	cps
Lithium	6-1	8421165	8230055	8068900	8240040	2.14	cps
Magnesium	24-2	1626112	1664975	1645471	1645519	1.18	cps
Manganese	55-2	496914	493469	495663	495349	0.35	cps
Molybdenum	94-1	304579	308824	310899	308101	1.05	cps
Molybdenum	95-1	532758	533200	537441	534466	0.48	cps
Molybdenum	96-1	572879	577979	576110	575656	0.45	cps
Molybdenum	97-1	331066	334691	334673	333477	0.63	cps
Molybdenum	98-1	855762	860725	863462	859983	0.45	cps
Neodymium	150-1	42042	41962	42661	42222	0.91	cps
Neodymium	150-2	9857	9350	9410	9539	2.90	cps
Nickel	60-2	193527	193142	192669	193113	0.22	cps
Phosphorus	31-2	1533	1297	1350	1393	8.91	cps
Potassium	39-2	68220	68830	68927	68659	0.56	cps
Rhodium	103-1	17490283	16981373	16816845	17096167	2.05	cps
Rhodium	103-2	6458658	6382678	6427380	6422905	0.59	cps
Scandium	45-1	12565740	12542119	12445981	12517947	0.51	cps
Scandium	45-2	242147	244609	239280	242012	1.10	cps
Selenium	82-1	703	610	667	660	7.12	cps
Selenium	77-2	67	70	87	74	14.39	cps
Selenium	78-2	107	57	70	78	33.29	cps
Silicon	28-1	44647046	44536858	44590098	44591334	0.12	cps
Silver	107-1	119690	121580	120379	120550	0.79	cps
Silver	109-1	115221	116578	115983	115927	0.59	cps
Sodium	23-2	133251	134129	135001	134127	0.65	cps
Strontium	86-1	6398701	6494992	6347416	6413703	1.17	cps
Strontium	88-1	55370514	56997989	55814994	56061166	1.50	cps
Sulfur	34-1	632663	628328	620731	627241	0.96	cps
Terbium	159-1	24070070	23544500	23297754	23637441	1.67	cps
Terbium	159-2	7149842	7062650	7129385	7113959	0.64	cps
Thallium	203-1	91509	92815	93789	92704	1.23	cps
Thallium	205-1	219919	225264	225108	223430	1.36	cps
Tin	118-1	4161	3647	3814	3874	6.76	cps
Titanium	47-1	30806	31287	30960	31018	0.79	cps
Uranium	238-1	13517	13891	13831	13746	1.46	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DLX2	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 16:46:38	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	269021	266132	268828	267994	0.60	cps
Ytterbium	172-1	10721	10965	11332	11006	2.79	cps
Ytterbium	172-2	4131	4374	4324	4276	3.01	cps
Ytterbium	176-1	8923	8703	8810	8812	1.25	cps
Ytterbium	176-2	2904	2927	3144	2991	4.43	cps
Yttrium	89-1	32131085	32533793	31448056	32037645	1.71	cps
Yttrium	89-2	2229131	2236888	2223089	2229703	0.31	cps
Zinc	66-2	76327	75875	75774	75992	0.39	cps
Zirconium	90-1	15215	15235	15389	15280	0.62	cps
Zirconium	91-1	3624	3407	3490	3507	3.12	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457027	454438	453820	455095	0.37	cps
Antimony	121-1	3571	3851	3497	3639	5.13	cps
Arsenic	75-2	5341	5404	5311	5352	0.89	cps
Barium	135-1	269390	270948	269491	269943	0.32	cps
Barium	137-1	464021	466794	472466	467761	0.92	cps
Beryllium	9-1	2080	2041	1984	2035	2.38	cps
Bismuth	209-1	14659669	14391088	14362611	14471123	1.13	cps
Bismuth	209-2	5396229	5521100	5447695	5455008	1.15	cps
Bromine	81-1	6035	6168	6415	6206	3.11	cps
Cadmium	108-1	80	67	80	76	10.19	cps
Cadmium	106-1	8069	7932	7996	7999	0.86	cps
Cadmium	111-1	5889	5776	5791	5819	1.06	cps
Calcium	43-1	88480	89198	86803	88160	1.39	cps
Calcium	44-1	1540877	1532560	1515208	1529548	0.86	cps
Carbon	12-1	3700956	3649293	3608260	3652836	1.27	cps
Carbon	12-2	23883	24667	24177	24242	1.64	cps
Chlorine	35-1	47321456	51876691	53931656	51043268	6.63	cps
Chlorine	35-2	238166	236888	237119	237391	0.29	cps
Chromium	52-2	55859	56993	55511	56121	1.38	cps
Cobalt	59-2	58305	57930	57951	58062	0.36	cps
Copper	63-2	154797	153482	152745	153675	0.68	cps
Dysprosium	156-1	20035	20603	19892	20176	1.86	cps
Dysprosium	156-2	6989	7039	7105	7044	0.83	cps
Erbium	164-1	19648	19224	19418	19430	1.09	cps
Erbium	164-2	6135	5825	6015	5991	2.61	cps
Gadolinium	160-1	20766	21344	20923	21011	1.42	cps
Gadolinium	160-2	7946	8239	8496	8227	3.35	cps
Holmium	165-1	23190819	23175281	23011915	23126005	0.43	cps
Holmium	165-2	7435949	7524299	7364076	7441441	1.08	cps
Indium	115-1	18729953	18283104	18448155	18487071	1.22	cps
Indium	115-2	1761883	1765976	1744823	1757561	0.64	cps
Iron	54-2	2814333	2803382	2732370	2783362	1.60	cps
Iron	56-2	50220021	49606138	49941528	49922562	0.62	cps
Iron	57-2	1204305	1198595	1190182	1197694	0.59	cps
Krypton	83-1	357	393	403	384	6.39	cps
Lead	206-1	98051	97812	98010	97958	0.13	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	80404	79619	79422	79815	0.65	cps
Lead	208-1	378265	376959	378183	377802	0.19	cps
Lithium	6-1	8387642	8174121	8155821	8239195	1.56	cps
Magnesium	24-2	800930	805624	796503	801019	0.57	cps
Manganese	55-2	210101	210723	208683	209836	0.50	cps
Molybdenum	94-1	4174	4367	29347	12629	114.64	cps
Molybdenum	95-1	2584	2644	2524	2584	2.32	cps
Molybdenum	96-1	3504	3344	3480	3443	2.51	cps
Molybdenum	97-1	1600	1533	1600	1578	2.44	cps
Molybdenum	98-1	4201	4194	4411	4268	2.89	cps
Neodymium	150-1	21794	21230	21551	21525	1.31	cps
Neodymium	150-2	4841	4981	4958	4927	1.52	cps
Nickel	60-2	42985	42955	42373	42771	0.81	cps
Phosphorus	31-2	687	717	667	690	3.65	cps
Potassium	39-2	43847	45205	43328	44127	2.20	cps
Rhodium	103-1	17519168	17161281	16984936	17221795	1.58	cps
Rhodium	103-2	6522140	6460233	6591329	6524567	1.01	cps
Scandium	45-1	12783601	12691224	12406039	12626955	1.56	cps
Scandium	45-2	244329	245100	242858	244096	0.47	cps
Selenium	82-1	73	10	-53	10	633.14	cps
Selenium	77-2	27	40	13	27	50.01	cps
Selenium	78-2	20	67	33	40	60.10	cps
Silicon	28-1	28511271	33357261	27640359	29836297	10.32	cps
Silver	107-1	2437	2440	2340	2406	2.36	cps
Silver	109-1	2100	2290	2450	2280	7.69	cps
Sodium	23-2	112590	113161	113570	113107	0.44	cps
Strontium	86-1	80144	81016	80748	80636	0.55	cps
Strontium	88-1	699410	697480	708405	701765	0.83	cps
Sulfur	34-1	673917	656482	643576	657992	2.31	cps
Terbium	159-1	23751827	23529885	23831175	23704296	0.66	cps
Terbium	159-2	7199168	7139823	7287582	7208858	1.03	cps
Thallium	203-1	1443	1467	1473	1461	1.08	cps
Thallium	205-1	3531	3801	3564	3632	4.05	cps
Tin	118-1	2860	2797	2704	2787	2.83	cps
Titanium	47-1	26078	17473	15727	19759	28.04	cps
Uranium	238-1	6939	6669	6722	6776	2.11	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 16:57:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	52784	53142	53011	52979	0.34	cps
Ytterbium	172-1	5525	5601	5555	5560	0.70	cps
Ytterbium	172-2	2130	1977	2070	2059	3.75	cps
Ytterbium	176-1	5608	5231	5181	5340	4.37	cps
Ytterbium	176-2	1673	1743	1607	1675	4.08	cps
Yttrium	89-1	32591802	32123243	32379390	32364811	0.72	cps
Yttrium	89-2	2249273	2249540	2288659	2262491	1.00	cps
Zinc	66-2	22234	21733	21930	21966	1.15	cps
Zirconium	90-1	9283	8376	8777	8812	5.16	cps
Zirconium	91-1	1833	1960	1887	1893	3.36	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	428427	433035	426242	429235	0.81	cps
Antimony	121-1	4564	4984	4794	4781	4.40	cps
Arsenic	75-2	5128	5134	5314	5192	2.04	cps
Barium	135-1	262555	264305	260583	262481	0.71	cps
Barium	137-1	457033	462279	457612	458975	0.63	cps
Beryllium	9-1	1912	1870	1944	1909	1.94	cps
Bismuth	209-1	14419369	14173966	14097879	14230405	1.18	cps
Bismuth	209-2	5278098	5305182	5336247	5306509	0.55	cps
Bromine	81-1	5785	5848	5935	5856	1.29	cps
Cadmium	108-1	83	57	67	69	19.55	cps
Cadmium	106-1	7969	7756	7549	7758	2.71	cps
Cadmium	111-1	5780	5629	5451	5620	2.93	cps
Calcium	43-1	86974	87138	85897	86670	0.78	cps
Calcium	44-1	1467369	1476369	1492357	1478698	0.86	cps
Carbon	12-1	3908292	3907086	3973029	3929469	0.96	cps
Carbon	12-2	26648	27108	26574	26777	1.08	cps
Chlorine	35-1	48709298	53688199	54901888	52433128	6.26	cps
Chlorine	35-2	236855	243116	240497	240156	1.31	cps
Chromium	52-2	53075	53443	52656	53058	0.74	cps
Cobalt	59-2	54494	55882	55494	55290	1.30	cps
Copper	63-2	147598	148500	147598	147899	0.35	cps
Dysprosium	156-1	19154	19344	19367	19288	0.61	cps
Dysprosium	156-2	6715	6955	6879	6850	1.79	cps
Erbium	164-1	19000	19544	19097	19214	1.51	cps
Erbium	164-2	6085	6168	5841	6031	2.82	cps
Gadolinium	160-1	20693	21421	20419	20844	2.48	cps
Gadolinium	160-2	8213	8316	8169	8233	0.92	cps
Holmium	165-1	23117740	22723898	22547584	22796407	1.28	cps
Holmium	165-2	7289137	7261374	7406321	7318944	1.05	cps
Indium	115-1	18317929	17958861	17922890	18066560	1.21	cps
Indium	115-2	1699352	1713076	1732198	1714875	0.96	cps
Iron	54-2	2646619	2630470	2636397	2637828	0.31	cps
Iron	56-2	47208476	47365268	47233416	47269053	0.18	cps
Iron	57-2	1135717	1144248	1134270	1138079	0.47	cps
Krypton	83-1	403	327	313	348	13.97	cps
Lead	206-1	98296	98263	99011	98523	0.43	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	79952	80458	79623	80011	0.53	cps
Lead	208-1	376912	378853	378619	378128	0.28	cps
Lithium	6-1	8000175	8237932	8012633	8083580	1.66	cps
Magnesium	24-2	782040	774189	772798	776342	0.64	cps
Manganese	55-2	202701	204433	203645	203593	0.43	cps
Molybdenum	94-1	4654	4828	4778	4753	1.88	cps
Molybdenum	95-1	2874	2987	3154	3005	4.69	cps
Molybdenum	96-1	3867	3821	3741	3809	1.68	cps
Molybdenum	97-1	1833	1827	1793	1818	1.18	cps
Molybdenum	98-1	4734	4721	4904	4786	2.14	cps
Neodymium	150-1	20846	20860	20432	20713	1.17	cps
Neodymium	150-2	4624	4848	4721	4731	2.37	cps
Nickel	60-2	40591	41066	40461	40706	0.78	cps
Phosphorus	31-2	717	683	687	696	2.64	cps
Potassium	39-2	40316	40921	40660	40633	0.75	cps
Rhodium	103-1	16799518	17013906	16638014	16817146	1.12	cps
Rhodium	103-2	6369183	6329032	6309744	6335986	0.48	cps
Scandium	45-1	12216359	12043957	12248316	12169544	0.90	cps
Scandium	45-2	235535	240023	238196	237918	0.95	cps
Selenium	82-1	27	107	150	94	66.25	cps
Selenium	77-2	23	30	37	30	22.23	cps
Selenium	78-2	27	50	30	36	35.49	cps
Silicon	28-1	21366315	21618141	21495107	21493188	0.59	cps
Silver	107-1	2244	2264	2234	2247	0.68	cps
Silver	109-1	1967	2137	2250	2118	6.73	cps
Sodium	23-2	112664	113036	113463	113054	0.35	cps
Strontium	86-1	78174	79266	79323	78921	0.82	cps
Strontium	88-1	683740	687374	678549	683221	0.65	cps
Sulfur	34-1	638840	626069	617632	627514	1.70	cps
Terbium	159-1	23109285	23152349	23101234	23120956	0.12	cps
Terbium	159-2	6983068	7050551	7039985	7024535	0.52	cps
Thallium	203-1	1390	1613	1410	1471	8.40	cps
Thallium	205-1	3214	3207	3460	3294	4.38	cps
Tin	118-1	3040	2857	2914	2937	3.20	cps
Titanium	47-1	16495	15845	15689	16010	2.67	cps
Uranium	238-1	6462	6749	6562	6591	2.21	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-02DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9DDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:00:22	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	51643	51241	51459	51448	0.39	cps
Ytterbium	172-1	5675	5498	5181	5451	4.59	cps
Ytterbium	172-2	2120	2104	2100	2108	0.51	cps
Ytterbium	176-1	5475	4994	5405	5291	4.90	cps
Ytterbium	176-2	1607	1610	1607	1608	0.12	cps
Yttrium	89-1	31610919	31001967	30779750	31130878	1.38	cps
Yttrium	89-2	2174365	2187299	2175202	2178955	0.33	cps
Zinc	66-2	21790	21323	21339	21484	1.23	cps
Zirconium	90-1	8861	8259	8246	8455	4.16	cps
Zirconium	91-1	1813	1840	1777	1810	1.76	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84292	85821	84832	84982	0.91	cps
Antimony	121-1	980	843	927	917	7.51	cps
Arsenic	75-2	957	1013	957	976	3.35	cps
Barium	135-1	51179	51972	51648	51600	0.77	cps
Barium	137-1	90798	88826	88379	89334	1.44	cps
Beryllium	9-1	701	719	700	707	1.48	cps
Bismuth	209-1	12615421	15429903	14170956	14072093	10.02	cps
Bismuth	209-2	5320557	5415329	5322843	5352910	1.01	cps
Bromine	81-1	4994	5131	4948	5024	1.90	cps
Cadmium	108-1	30	20	17	22	31.22	cps
Cadmium	106-1	6462	7886	7425	7258	10.01	cps
Cadmium	111-1	4592	5566	5259	5139	9.69	cps
Calcium	43-1	17367	17257	17661	17428	1.20	cps
Calcium	44-1	304634	301924	303609	303389	0.45	cps
Carbon	12-1	3736802	3642719	3694381	3691300	1.28	cps
Carbon	12-2	24991	24500	24490	24661	1.16	cps
Chlorine	35-1	13032136	13453212	13490370	13325240	1.91	cps
Chlorine	35-2	57520	56430	56767	56906	0.98	cps
Chromium	52-2	10681	11361	11161	11068	3.16	cps
Cobalt	59-2	11178	11168	11481	11276	1.58	cps
Copper	63-2	31472	32100	32531	32034	1.66	cps
Dysprosium	156-1	3941	4054	3887	3961	2.15	cps
Dysprosium	156-2	1483	1317	1347	1382	6.43	cps
Erbium	164-1	3837	3854	3991	3894	2.16	cps
Erbium	164-2	1153	1263	1167	1195	5.03	cps
Gadolinium	160-1	4017	4207	4211	4145	2.67	cps
Gadolinium	160-2	1700	1590	1517	1602	5.76	cps
Holmium	165-1	19984303	24457565	22573039	22338302	10.05	cps
Holmium	165-2	7501339	7281250	7295011	7359200	1.68	cps
Indium	115-1	15606070	19548228	18277566	17810621	11.30	cps
Indium	115-2	1749983	1725644	1738448	1738025	0.70	cps
Iron	54-2	494708	492534	491151	492798	0.36	cps
Iron	56-2	9364154	9369236	9592048	9441813	1.38	cps
Iron	57-2	225329	224019	226216	225188	0.49	cps
Krypton	83-1	333	370	337	347	5.85	cps
Lead	206-1	22379	22406	22149	22312	0.63	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18647	18119	18376	18381	1.43	cps
Lead	208-1	86677	86002	86092	86257	0.42	cps
Lithium	6-1	7015017	8364991	7948446	7776151	8.89	cps
Magnesium	24-2	154886	153923	155937	154915	0.65	cps
Manganese	55-2	40534	39982	40464	40327	0.74	cps
Molybdenum	94-1	1143	1280	1157	1193	6.31	cps
Molybdenum	95-1	707	580	550	612	13.58	cps
Molybdenum	96-1	827	933	987	916	8.90	cps
Molybdenum	97-1	357	427	377	387	9.33	cps
Molybdenum	98-1	1110	1080	1130	1107	2.27	cps
Neodymium	150-1	3834	3881	3974	3896	1.83	cps
Neodymium	150-2	937	930	987	951	3.26	cps
Nickel	60-2	8926	9263	8983	9057	1.99	cps
Phosphorus	31-2	177	210	190	192	8.73	cps
Potassium	39-2	21963	21426	22097	21829	1.63	cps
Rhodium	103-1	14807513	18025020	16708278	16513604	9.80	cps
Rhodium	103-2	6407882	6380735	6369463	6386027	0.31	cps
Scandium	45-1	10617273	13074357	12280414	11990682	10.46	cps
Scandium	45-2	240551	237802	235800	238051	1.00	cps
Selenium	82-1	17	57	13	29	83.45	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	10	7	10	9	21.63	cps
Silicon	28-1	4965715	4912218	4873718	4917217	0.94	cps
Silver	107-1	600	630	590	607	3.43	cps
Silver	109-1	503	560	483	516	7.71	cps
Sodium	23-2	99929	97801	97150	98293	1.48	cps
Strontium	86-1	15896	15892	16073	15954	0.65	cps
Strontium	88-1	136156	134891	135230	135426	0.48	cps
Sulfur	34-1	622898	623874	621006	622593	0.23	cps
Terbium	159-1	20323630	24969785	22929501	22740972	10.24	cps
Terbium	159-2	7145535	6969747	7071902	7062395	1.25	cps
Thallium	203-1	823	800	917	847	7.29	cps
Thallium	205-1	2030	1893	1987	1970	3.55	cps
Tin	118-1	2170	2197	1900	2089	7.86	cps
Titanium	47-1	3107	3067	3150	3108	1.34	cps
Uranium	238-1	1320	1370	1407	1366	3.19	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-01LDL2X20	Instrumnet Name :	P8
Client Sample ID :	YE8C9LDL2	Dilution Factor :	20
Date & Time Acquired :	2025-02-07 17:03:41	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10197	9813	9920	9977	1.98	cps
Ytterbium	172-1	1300	1220	1163	1228	5.59	cps
Ytterbium	172-2	440	447	377	421	9.17	cps
Ytterbium	176-1	2477	2820	2407	2568	8.62	cps
Ytterbium	176-2	493	473	550	506	7.87	cps
Yttrium	89-1	27231932	33178945	30718058	30376311	9.84	cps
Yttrium	89-2	2164643	2198019	2197220	2186628	0.87	cps
Zinc	66-2	4374	4647	4571	4531	3.11	cps
Zirconium	90-1	2300	2630	2347	2426	7.36	cps
Zirconium	91-1	457	537	540	511	9.23	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429466	422911	425251	425876	0.78	cps
Antimony	121-1	99253	98220	99445	98973	0.67	cps
Arsenic	75-2	5775	5781	5778	5778	0.06	cps
Barium	135-1	681749	690171	688758	686893	0.66	cps
Barium	137-1	1190904	1193791	1201411	1195369	0.45	cps
Beryllium	9-1	16423	16112	16186	16240	1.00	cps
Bismuth	209-1	14512674	14136167	14386592	14345145	1.34	cps
Bismuth	209-2	5407208	5311667	5300885	5339920	1.10	cps
Bromine	81-1	5721	5915	5611	5749	2.67	cps
Cadmium	108-1	927	970	923	940	2.77	cps
Cadmium	106-1	8533	8119	8713	8455	3.60	cps
Cadmium	111-1	16379	16286	16537	16401	0.78	cps
Calcium	43-1	100212	99327	100679	100073	0.69	cps
Calcium	44-1	1653985	1632769	1638701	1641819	0.67	cps
Carbon	12-1	3928610	3797178	3810847	3845545	1.88	cps
Carbon	12-2	25462	25412	25813	25562	0.85	cps
Chlorine	35-1	50500346	53649301	56544616	53564754	5.64	cps
Chlorine	35-2	240099	242828	245163	242697	1.04	cps
Chromium	52-2	92057	92627	92476	92387	0.32	cps
Cobalt	59-2	245956	250344	246362	247554	0.98	cps
Copper	63-2	219073	219078	219471	219207	0.10	cps
Dysprosium	156-1	18893	19297	19167	19119	1.08	cps
Dysprosium	156-2	6622	6628	6675	6642	0.44	cps
Erbium	164-1	18152	18747	18203	18367	1.79	cps
Erbium	164-2	5845	5978	5891	5905	1.15	cps
Gadolinium	160-1	20506	19755	20533	20264	2.18	cps
Gadolinium	160-2	7966	7719	8029	7905	2.07	cps
Holmium	165-1	22964714	22842212	22686028	22830985	0.61	cps
Holmium	165-2	7369636	7319449	7251455	7313513	0.81	cps
Indium	115-1	18144092	17929176	18092696	18055321	0.62	cps
Indium	115-2	1750894	1729035	1732843	1737591	0.67	cps
Iron	54-2	2547445	2618568	2587824	2584612	1.38	cps
Iron	56-2	46765883	46363403	46903886	46677724	0.60	cps
Iron	57-2	1108186	1124982	1103455	1112208	1.02	cps
Krypton	83-1	393	383	320	366	10.88	cps
Lead	206-1	109817	109366	108940	109374	0.40	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	89614	88204	89406	89075	0.85	cps
Lead	208-1	421456	418853	418828	419712	0.36	cps
Lithium	6-1	7927871	8138387	8168331	8078196	1.62	cps
Magnesium	24-2	755926	749255	752392	752524	0.44	cps
Manganese	55-2	237650	239763	237453	238289	0.54	cps
Molybdenum	94-1	147200	149797	147718	148238	0.93	cps
Molybdenum	95-1	252119	255536	255724	254460	0.80	cps
Molybdenum	96-1	276689	275428	271374	274497	1.01	cps
Molybdenum	97-1	158631	157714	157847	158064	0.31	cps
Molybdenum	98-1	406268	409473	414312	410018	0.99	cps
Neodymium	150-1	19591	20155	19661	19802	1.55	cps
Neodymium	150-2	4384	4471	4621	4492	2.67	cps
Nickel	60-2	92196	94461	93219	93292	1.22	cps
Phosphorus	31-2	647	723	737	702	6.92	cps
Potassium	39-2	41175	40928	41148	41084	0.33	cps
Rhodium	103-1	16881826	16912829	16847728	16880794	0.19	cps
Rhodium	103-2	6398028	6395332	6374574	6389311	0.20	cps
Scandium	45-1	12506149	12154607	12083325	12248027	1.85	cps
Scandium	45-2	238662	241595	239360	239872	0.64	cps
Selenium	82-1	267	270	313	283	9.19	cps
Selenium	77-2	23	63	43	43	46.16	cps
Selenium	78-2	47	43	43	44	4.34	cps
Silicon	28-1	21748447	21440182	21140556	21443062	1.42	cps
Silver	107-1	56682	56930	58021	57211	1.24	cps
Silver	109-1	54447	53724	55846	54673	1.97	cps
Sodium	23-2	110393	109312	111041	110249	0.79	cps
Strontium	86-1	3137728	3102635	3056782	3099048	1.31	cps
Strontium	88-1	27343912	26760429	26546244	26883528	1.54	cps
Sulfur	34-1	619369	612160	614420	615316	0.60	cps
Terbium	159-1	23558897	23248452	22847905	23218418	1.54	cps
Terbium	159-2	7039912	7022321	6897227	6986487	1.11	cps
Thallium	203-1	44018	44683	43984	44228	0.89	cps
Thallium	205-1	105028	105599	106513	105713	0.71	cps
Tin	118-1	2880	3010	2927	2939	2.24	cps
Titanium	47-1	15001	14744	15238	14995	1.65	cps
Uranium	238-1	6468	6799	6425	6564	3.11	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1159-03DL2X4	Instrumnet Name :	P8
Client Sample ID :	YE8C9SDL2	Dilution Factor :	4
Date & Time Acquired :	2025-02-07 17:07:03	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	128836	129233	127602	128557	0.66	cps
Ytterbium	172-1	5214	5571	5635	5473	4.14	cps
Ytterbium	172-2	2050	2064	2110	2075	1.52	cps
Ytterbium	176-1	5171	5274	5008	5151	2.61	cps
Ytterbium	176-2	1450	1433	1520	1468	3.13	cps
Yttrium	89-1	32189588	31372915	30813714	31458739	2.20	cps
Yttrium	89-2	2190395	2199750	2178859	2189668	0.48	cps
Zinc	66-2	37092	36306	36634	36677	1.08	cps
Zirconium	90-1	7972	7909	7686	7856	1.92	cps
Zirconium	91-1	1813	1837	1740	1797	2.81	cps

LB Number : LB134654 Operator : Jaswal
 Lab Sample ID : PB166317BL Instrumnet Name : P8
 Client Sample ID : PB166317BL Dilution Factor : 1
 Date & Time Acquired : 2025-02-07 17:10:19 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	103	83	96	11.22	cps
Antimony	121-1	87	40	60	62	37.63	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	303	240	210	251	18.98	cps
Barium	137-1	153	237	167	186	24.12	cps
Beryllium	9-1	381	400	390	390	2.40	cps
Bismuth	209-1	14545099	14400899	14083358	14343119	1.65	cps
Bismuth	209-2	5405966	5281055	5375690	5354237	1.22	cps
Bromine	81-1	4744	4828	4854	4809	1.19	cps
Cadmium	108-1	40	10	20	23	65.47	cps
Cadmium	106-1	7636	7412	7419	7489	1.70	cps
Cadmium	111-1	5347	5211	5199	5252	1.56	cps
Calcium	43-1	537	460	500	499	7.69	cps
Calcium	44-1	29915	29697	29270	29627	1.11	cps
Carbon	12-1	3756930	3789166	3780279	3775458	0.44	cps
Carbon	12-2	25589	25058	25238	25295	1.07	cps
Chlorine	35-1	4079656	3700089	3489603	3756449	7.96	cps
Chlorine	35-2	13203	12609	12072	12628	4.48	cps
Chromium	52-2	713	767	807	762	6.14	cps
Cobalt	59-2	103	63	127	98	32.76	cps
Copper	63-2	3360	3487	3384	3410	1.98	cps
Dysprosium	156-1	33	20	43	32	36.33	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	110	137	143	130	13.57	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-1	120	127	167	138	18.32	cps
Gadolinium	160-2	27	13	40	27	50.01	cps
Holmium	165-1	23095058	22847538	22443301	22795299	1.44	cps
Holmium	165-2	7342446	7181041	7306168	7276552	1.16	cps
Indium	115-1	18477861	18158332	17958316	18198170	1.44	cps
Indium	115-2	1753013	1721724	1753645	1742794	1.05	cps
Iron	54-2	567	947	490	668	36.65	cps
Iron	56-2	7709	8151	7696	7852	3.30	cps
Iron	57-2	227	163	193	194	16.29	cps
Krypton	83-1	353	267	287	302	15.02	cps
Lead	206-1	2967	3047	2714	2909	5.98	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BL	Instrumnet Name :	P8
Client Sample ID :	PB166317BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:10:19	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2647	2450	2480	2526	4.20	cps
Lead	208-1	11829	11295	11339	11488	2.58	cps
Lithium	6-1	8210545	7968113	8066459	8081705	1.51	cps
Magnesium	24-2	2790	2797	2710	2766	1.74	cps
Manganese	55-2	177	180	130	162	17.23	cps
Molybdenum	94-1	517	480	427	474	9.54	cps
Molybdenum	95-1	170	180	167	172	4.03	cps
Molybdenum	96-1	300	223	210	244	19.87	cps
Molybdenum	97-1	147	133	130	137	6.45	cps
Molybdenum	98-1	270	280	260	270	3.70	cps
Neodymium	150-1	13	3	17	11	62.48	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1420	1257	1357	1345	6.13	cps
Phosphorus	31-2	90	97	97	94	4.08	cps
Potassium	39-2	16740	16002	16303	16348	2.27	cps
Rhodium	103-1	17195796	17275913	17099637	17190449	0.51	cps
Rhodium	103-2	6593062	6224593	6391517	6403057	2.88	cps
Scandium	45-1	12335051	12101598	12194803	12210484	0.96	cps
Scandium	45-2	243150	229357	237096	236534	2.92	cps
Selenium	82-1	-43	100	17	24	294.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	533933	531633	535001	533522	0.32	cps
Silver	107-1	490	420	397	436	11.15	cps
Silver	109-1	320	277	280	292	8.25	cps
Sodium	23-2	92712	94125	92859	93232	0.83	cps
Strontium	86-1	827	673	683	728	11.79	cps
Strontium	88-1	2380	1894	1607	1960	19.95	cps
Sulfur	34-1	614787	622316	625203	620769	0.87	cps
Terbium	159-1	23418716	23288415	23542107	23416413	0.54	cps
Terbium	159-2	7065296	7008105	7083198	7052200	0.56	cps
Thallium	203-1	703	770	787	753	5.85	cps
Thallium	205-1	1637	1800	1707	1715	4.78	cps
Tin	118-1	1953	1700	1917	1857	7.37	cps
Titanium	47-1	363	297	277	312	14.53	cps
Uranium	238-1	43	37	27	36	23.58	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BL	Instrumnet Name :	P8
Client Sample ID :	PB166317BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:10:19	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	20	10	16	32.73	cps
Ytterbium	172-1	123	127	123	124	1.54	cps
Ytterbium	172-2	33	57	50	47	25.76	cps
Ytterbium	176-1	1890	1887	1797	1858	2.85	cps
Ytterbium	176-2	307	260	293	287	8.38	cps
Yttrium	89-1	31495524	30914831	30845540	31085298	1.15	cps
Yttrium	89-2	2260776	2099290	2199950	2186672	3.73	cps
Zinc	66-2	207	197	223	209	6.45	cps
Zirconium	90-1	1003	1173	1077	1084	7.86	cps
Zirconium	91-1	217	187	173	192	11.55	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3701	3467	3364	3510	4.91	cps
Antimony	121-1	78728	79224	80294	79416	1.01	cps
Arsenic	75-2	867	883	817	856	4.06	cps
Barium	135-1	92664	92654	93221	92846	0.35	cps
Barium	137-1	160975	161161	160975	161037	0.07	cps
Beryllium	9-1	13189	13477	13391	13352	1.11	cps
Bismuth	209-1	14330460	14245911	14114063	14230145	0.77	cps
Bismuth	209-2	5447873	5504366	5419311	5457183	0.79	cps
Bromine	81-1	4701	4881	5014	4865	3.23	cps
Cadmium	108-1	780	863	850	831	5.39	cps
Cadmium	106-1	8806	8666	8770	8747	0.83	cps
Cadmium	111-1	15369	15426	15177	15324	0.85	cps
Calcium	43-1	64092	63349	64363	63934	0.82	cps
Calcium	44-1	1043001	1047404	1053215	1047874	0.49	cps
Carbon	12-1	3835147	3807395	3861321	3834621	0.70	cps
Carbon	12-2	25389	25482	25185	25352	0.60	cps
Chlorine	35-1	2579569	2778241	2891475	2749761	5.74	cps
Chlorine	35-2	13073	12659	13316	13016	2.55	cps
Chromium	52-2	18188	17684	17754	17876	1.53	cps
Cobalt	59-2	17027	17204	17397	17209	1.08	cps
Copper	63-2	32026	31582	31919	31842	0.73	cps
Dysprosium	156-1	47	33	43	41	16.89	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	143	130	113	129	11.67	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	143	133	147	141	4.92	cps
Gadolinium	160-2	23	27	37	29	24.03	cps
Holmium	165-1	22824526	22673777	22422364	22640222	0.90	cps
Holmium	165-2	7324233	7449359	7279107	7350900	1.20	cps
Indium	115-1	18271148	18183248	18207629	18220675	0.25	cps
Indium	115-2	1796843	1751205	1734339	1760796	1.84	cps
Iron	54-2	72952	73303	73206	73154	0.25	cps
Iron	56-2	1391095	1322966	1325241	1346434	2.87	cps
Iron	57-2	32801	33396	32881	33026	0.98	cps
Krypton	83-1	313	317	317	316	0.61	cps
Lead	206-1	33747	33751	33931	33810	0.31	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28635	28558	29063	28752	0.95	cps
Lead	208-1	132424	133922	133457	133268	0.58	cps
Lithium	6-1	8071842	7942321	8084237	8032800	0.98	cps
Magnesium	24-2	293371	297419	294310	295033	0.72	cps
Manganese	55-2	3894	3911	3964	3923	0.93	cps
Molybdenum	94-1	78476	78108	79942	78842	1.23	cps
Molybdenum	95-1	97166	96744	96915	96942	0.22	cps
Molybdenum	96-1	107445	108516	108990	108317	0.73	cps
Molybdenum	97-1	59514	60913	60427	60285	1.18	cps
Molybdenum	98-1	155008	156653	157280	156314	0.75	cps
Neodymium	150-1	17	17	37	23	49.48	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	6105	5788	5568	5820	4.64	cps
Phosphorus	31-2	240	303	303	282	12.96	cps
Potassium	39-2	188058	185249	184264	185857	1.06	cps
Rhodium	103-1	17135786	16839507	16823797	16933030	1.04	cps
Rhodium	103-2	6330082	6506265	6410612	6415653	1.37	cps
Scandium	45-1	12082609	12086959	12420592	12196720	1.59	cps
Scandium	45-2	242639	238410	241172	240740	0.89	cps
Selenium	82-1	3064	3311	2987	3120	5.42	cps
Selenium	77-2	60	60	67	62	6.19	cps
Selenium	78-2	167	193	207	189	10.78	cps
Silicon	28-1	894000	895506	897565	895690	0.20	cps
Silver	107-1	48639	48709	50412	49253	2.04	cps
Silver	109-1	46257	46759	46916	46644	0.74	cps
Sodium	23-2	693131	689966	685044	689380	0.59	cps
Strontium	86-1	12846	12886	13050	12927	0.83	cps
Strontium	88-1	107228	109697	109508	108811	1.26	cps
Sulfur	34-1	737277	740960	740153	739463	0.26	cps
Terbium	159-1	22995177	23043664	23277626	23105489	0.65	cps
Terbium	159-2	7120681	7073709	7039310	7077900	0.58	cps
Thallium	203-1	38293	38885	38654	38611	0.77	cps
Thallium	205-1	92601	93142	92067	92603	0.58	cps
Tin	118-1	159908	159270	160378	159852	0.35	cps
Titanium	47-1	7779	7619	7342	7580	2.92	cps
Uranium	238-1	114234	114814	112785	113944	0.92	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166317BS	Instrumnet Name :	P8
Client Sample ID :	PB166317BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:23:58	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	34649	35003	35320	34991	0.96	cps
Ytterbium	172-1	117	130	133	127	6.96	cps
Ytterbium	172-2	83	27	50	53	53.39	cps
Ytterbium	176-1	2194	2064	2074	2110	3.43	cps
Ytterbium	176-2	287	343	407	346	17.37	cps
Yttrium	89-1	30917906	31135765	31114497	31056056	0.39	cps
Yttrium	89-2	2229880	2193956	2228615	2217484	0.92	cps
Zinc	66-2	7312	7235	7349	7299	0.79	cps
Zirconium	90-1	67238	67623	67448	67436	0.29	cps
Zirconium	91-1	14878	14591	15172	14880	1.95	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	173	223	194	13.32	cps
Antimony	121-1	127	73	90	97	28.23	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	200	233	257	230	12.38	cps
Barium	137-1	303	287	270	287	5.81	cps
Beryllium	9-1	342	409	345	365	10.28	cps
Bismuth	209-1	14793726	14891684	14771308	14818906	0.43	cps
Bismuth	209-2	5565136	5502986	5427156	5498426	1.26	cps
Bromine	81-1	4567	4334	4591	4497	3.16	cps
Cadmium	108-1	10	37	27	24	55.11	cps
Cadmium	106-1	7946	7942	7859	7916	0.62	cps
Cadmium	111-1	5568	5554	5513	5545	0.52	cps
Calcium	43-1	890	817	777	828	6.94	cps
Calcium	44-1	34174	33542	34117	33944	1.03	cps
Carbon	12-1	5064570	5503087	5842359	5470005	7.13	cps
Carbon	12-2	43036	43160	42682	42959	0.58	cps
Chlorine	35-1	791532	755602	734341	760492	3.80	cps
Chlorine	35-2	2917	2987	2877	2927	1.90	cps
Chromium	52-2	1950	2094	1927	1990	4.54	cps
Cobalt	59-2	113	123	73	103	25.60	cps
Copper	63-2	3544	3374	3367	3428	2.92	cps
Dysprosium	156-1	23	23	30	26	15.07	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	113	123	140	126	10.73	cps
Erbium	164-2	60	40	40	47	24.74	cps
Gadolinium	160-1	83	150	137	123	28.60	cps
Gadolinium	160-2	17	33	30	27	33.06	cps
Holmium	165-1	23199652	23449598	23159027	23269426	0.68	cps
Holmium	165-2	7577405	7442377	7362912	7460898	1.45	cps
Indium	115-1	18905677	18888625	18404348	18732883	1.52	cps
Indium	115-2	1800071	1811520	1765249	1792280	1.34	cps
Iron	54-2	1083	1100	1023	1069	3.77	cps
Iron	56-2	17281	17634	17598	17504	1.11	cps
Iron	57-2	413	453	373	413	9.68	cps
Krypton	83-1	283	300	263	282	6.51	cps
Lead	206-1	3197	2667	2487	2784	13.26	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2570	2410	2160	2380	8.68	cps
Lead	208-1	12229	10705	9708	10881	11.67	cps
Lithium	6-1	8349967	8264705	8068931	8227868	1.75	cps
Magnesium	24-2	3227	3234	3197	3219	0.61	cps
Manganese	55-2	1260	1300	1397	1319	5.33	cps
Molybdenum	94-1	450	543	433	476	12.47	cps
Molybdenum	95-1	207	160	147	171	18.41	cps
Molybdenum	96-1	237	257	200	231	12.44	cps
Molybdenum	97-1	117	120	70	102	27.35	cps
Molybdenum	98-1	187	207	163	186	11.69	cps
Neodymium	150-1	17	17	13	16	12.40	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1567	1623	1597	1596	1.78	cps
Phosphorus	31-2	80	110	47	79	40.16	cps
Potassium	39-2	16069	16426	16223	16239	1.10	cps
Rhodium	103-1	17634130	17519532	17393778	17515813	0.69	cps
Rhodium	103-2	6754910	6671002	6639024	6688312	0.89	cps
Scandium	45-1	12721231	12542779	12562610	12608873	0.78	cps
Scandium	45-2	248991	249395	249357	249248	0.09	cps
Selenium	82-1	0	33	73	36	103.27	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	3	13	10	9	57.30	cps
Silicon	28-1	548463	552627	557568	552886	0.82	cps
Silver	107-1	537	530	460	509	8.35	cps
Silver	109-1	390	370	333	364	7.89	cps
Sodium	23-2	107227	106676	106411	106771	0.39	cps
Strontium	86-1	580	637	617	611	4.70	cps
Strontium	88-1	1203	1387	1327	1306	7.16	cps
Sulfur	34-1	725175	731544	734058	730259	0.63	cps
Terbium	159-1	24241657	23597212	23763105	23867325	1.40	cps
Terbium	159-2	7213146	7247508	7080059	7180238	1.23	cps
Thallium	203-1	860	620	613	698	20.14	cps
Thallium	205-1	1627	1517	1290	1478	11.62	cps
Tin	118-1	2664	2777	2707	2716	2.11	cps
Titanium	47-1	323	307	377	336	10.90	cps
Uranium	238-1	40	53	53	49	15.74	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1223-17	Instrumnet Name :	P8
Client Sample ID :	A6310	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:27:17	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	17	23	18	28.64	cps
Ytterbium	172-1	80	110	187	126	43.81	cps
Ytterbium	172-2	37	70	63	57	31.12	cps
Ytterbium	176-1	2020	1984	1947	1984	1.85	cps
Ytterbium	176-2	243	270	340	284	17.55	cps
Yttrium	89-1	32523743	31997573	31836144	32119153	1.12	cps
Yttrium	89-2	2299579	2276540	2287027	2287715	0.50	cps
Zinc	66-2	227	290	277	264	12.63	cps
Zirconium	90-1	1127	1167	987	1093	8.64	cps
Zirconium	91-1	183	180	250	204	19.31	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3743310	3720269	3688512	3717363	0.74	cps
Antimony	121-1	8642879	8757018	8740580	8713492	0.71	cps
Arsenic	75-2	164774	166321	165320	165472	0.47	cps
Barium	135-1	10386371	10658555	10657318	10567415	1.48	cps
Barium	137-1	18251118	18366255	18276980	18298118	0.33	cps
Beryllium	9-1	2593006	2632585	2637169	2620920	0.93	cps
Bismuth	209-1	12294771	12569002	12343770	12402515	1.18	cps
Bismuth	209-2	4584534	4637084	4637025	4619548	0.66	cps
Bromine	81-1	4587	4381	4477	4482	2.31	cps
Cadmium	108-1	160869	166567	167073	164836	2.09	cps
Cadmium	106-1	233038	236552	238299	235963	1.14	cps
Cadmium	111-1	2063406	2098272	2071208	2077629	0.88	cps
Calcium	43-1	13618896	13875537	13689646	13728026	0.97	cps
Calcium	44-1	222912943	222087850	221003390	222001394	0.43	cps
Carbon	12-1	4698487	4857993	4974806	4843762	2.86	cps
Carbon	12-2	40536	41047	40275	40619	0.97	cps
Chlorine	35-1	545225	543210	537535	541990	0.74	cps
Chlorine	35-2	2177	2350	2334	2287	4.18	cps
Chromium	52-2	1971657	1888625	1924772	1928351	2.16	cps
Cobalt	59-2	3481328	3469534	3500456	3483772	0.45	cps
Copper	63-2	26229625	25862530	25944560	26012239	0.74	cps
Dysprosium	156-1	457	430	437	441	3.15	cps
Dysprosium	156-2	107	123	107	112	8.58	cps
Erbium	164-1	417	613	530	520	18.98	cps
Erbium	164-2	150	127	130	136	9.31	cps
Gadolinium	160-1	453	437	437	442	2.18	cps
Gadolinium	160-2	127	153	153	144	10.66	cps
Holmium	165-1	21340050	21308020	21279590	21309220	0.14	cps
Holmium	165-2	6728653	6760073	6914902	6801209	1.47	cps
Indium	115-1	16099851	15706746	15752148	15852915	1.36	cps
Indium	115-2	1419004	1421822	1423877	1421568	0.17	cps
Iron	54-2	19001931	19258296	19319087	19193105	0.88	cps
Iron	56-2	351661648	348778301	347220741	349220230	0.65	cps
Iron	57-2	8794386	8722823	8806504	8774571	0.52	cps
Krypton	83-1	273	303	280	286	5.52	cps
Lead	206-1	34540370	34897059	35032404	34823278	0.73	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29349450	29695377	29605413	29550080	0.61	cps
Lead	208-1	135222582	137828434	136854849	136635288	0.96	cps
Lithium	6-1	6895502	6969516	6904766	6923261	0.58	cps
Magnesium	24-2	65901541	65837021	65618524	65785695	0.23	cps
Manganese	55-2	7716367	7639111	7747759	7701079	0.73	cps
Molybdenum	94-1	29846865	30059505	30179218	30028529	0.56	cps
Molybdenum	95-1	43362000	44149584	44115213	43875599	1.01	cps
Molybdenum	96-1	47430766	48410088	47788396	47876417	1.04	cps
Molybdenum	97-1	26690412	27354745	26631479	26892212	1.49	cps
Molybdenum	98-1	70164461	70282179	70005306	70150648	0.20	cps
Neodymium	150-1	713	757	797	756	5.52	cps
Neodymium	150-2	73	73	60	69	11.17	cps
Nickel	60-2	1054597	1054305	1065301	1058068	0.59	cps
Phosphorus	31-2	34772	34090	33682	34181	1.61	cps
Potassium	39-2	18561640	18660413	18657228	18626427	0.30	cps
Rhodium	103-1	14062751	14221943	14014820	14099838	0.77	cps
Rhodium	103-2	5291238	5366920	5408384	5355514	1.11	cps
Scandium	45-1	10898304	10972505	10894332	10921714	0.40	cps
Scandium	45-2	216761	218039	218130	217643	0.35	cps
Selenium	82-1	118450	122152	120653	120418	1.55	cps
Selenium	77-2	2070	2157	2050	2092	2.71	cps
Selenium	78-2	7079	7182	7095	7119	0.78	cps
Silicon	28-1	6941322	6997942	7047078	6995447	0.76	cps
Silver	107-1	10473838	10447061	10525747	10482216	0.38	cps
Silver	109-1	9835595	9933686	9917571	9895617	0.53	cps
Sodium	23-2	131641998	131837515	131403048	131627520	0.17	cps
Strontium	86-1	2814824	2803497	2847425	2821915	0.81	cps
Strontium	88-1	24247254	24544310	24528240	24439935	0.68	cps
Sulfur	34-1	1496354	1519998	1508983	1508445	0.78	cps
Terbium	159-1	21465631	21593483	21591580	21550231	0.34	cps
Terbium	159-2	6543971	6516854	6503405	6521410	0.32	cps
Thallium	203-1	8483344	8571066	8549097	8534502	0.53	cps
Thallium	205-1	19993707	20571001	20539311	20368006	1.59	cps
Tin	118-1	6954724	6969294	6953126	6959048	0.13	cps
Titanium	47-1	12836461	13036885	12817602	12896983	0.94	cps
Uranium	238-1	27157783	27586667	27235909	27326786	0.84	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:33:54	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1507064	1493017	1512725	1504269	0.67	cps
Ytterbium	172-1	577	553	527	552	4.53	cps
Ytterbium	172-2	207	170	200	192	10.16	cps
Ytterbium	176-1	42786	43665	42866	43106	1.13	cps
Ytterbium	176-2	13107	13347	12970	13141	1.45	cps
Yttrium	89-1	28392961	27713633	28224971	28110522	1.26	cps
Yttrium	89-2	2032340	1976838	1965437	1991539	1.80	cps
Zinc	66-2	2859790	2818031	2847923	2841914	0.76	cps
Zirconium	90-1	15293505	15250021	15482410	15341979	0.81	cps
Zirconium	91-1	3433831	3454173	3486406	3458137	0.77	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	273	240	256	6.56	cps
Antimony	121-1	3824	3320	3144	3429	10.29	cps
Arsenic	75-2	7	27	7	13	86.58	cps
Barium	135-1	997	813	720	843	16.69	cps
Barium	137-1	1760	1407	1273	1480	16.99	cps
Beryllium	9-1	1622	1529	1427	1526	6.39	cps
Bismuth	209-1	14368729	14151959	14366168	14295619	0.87	cps
Bismuth	209-2	5418542	5326135	5287028	5343902	1.26	cps
Bromine	81-1	4698	4464	4698	4620	2.92	cps
Cadmium	108-1	40	57	50	49	17.16	cps
Cadmium	106-1	7699	7812	7782	7764	0.76	cps
Cadmium	111-1	5691	5702	5633	5675	0.66	cps
Calcium	43-1	1623	1583	1187	1465	16.48	cps
Calcium	44-1	49136	44609	40664	44803	9.46	cps
Carbon	12-1	4166432	4144743	4188088	4166421	0.52	cps
Carbon	12-2	28668	27339	28227	28078	2.41	cps
Chlorine	35-1	510193	510442	504265	508300	0.69	cps
Chlorine	35-2	2067	2174	2087	2109	2.69	cps
Chromium	52-2	873	910	927	903	3.02	cps
Cobalt	59-2	257	243	277	259	6.48	cps
Copper	63-2	4594	4194	3994	4261	7.17	cps
Dysprosium	156-1	23	23	17	21	18.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	113	107	97	106	7.95	cps
Erbium	164-2	43	23	27	31	34.44	cps
Gadolinium	160-1	127	93	140	120	20.03	cps
Gadolinium	160-2	13	27	17	19	36.75	cps
Holmium	165-1	22452172	22272845	22098018	22274345	0.80	cps
Holmium	165-2	7103848	7144264	7087722	7111945	0.41	cps
Indium	115-1	17639877	17567438	17678866	17628727	0.32	cps
Indium	115-2	1682077	1674831	1649072	1668660	1.04	cps
Iron	54-2	1267	1137	1107	1170	7.27	cps
Iron	56-2	21293	18269	17168	18910	11.30	cps
Iron	57-2	540	517	443	500	10.09	cps
Krypton	83-1	347	253	267	289	17.47	cps
Lead	206-1	8683	7589	7015	7762	10.91	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7265	6565	6061	6631	9.12	cps
Lead	208-1	34539	30104	27548	30730	11.51	cps
Lithium	6-1	7618613	7724074	7570567	7637751	1.03	cps
Magnesium	24-2	3947	3440	3314	3567	9.40	cps
Manganese	55-2	707	607	547	620	13.04	cps
Molybdenum	94-1	3624	2960	2430	3005	19.90	cps
Molybdenum	95-1	4274	3674	2747	3565	21.58	cps
Molybdenum	96-1	4914	4291	3444	4216	17.50	cps
Molybdenum	97-1	2640	2217	1613	2157	23.93	cps
Molybdenum	98-1	7059	6065	4347	5824	23.55	cps
Neodymium	150-1	13	27	17	19	36.75	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1290	1093	1190	1191	8.26	cps
Phosphorus	31-2	107	57	80	81	30.84	cps
Potassium	39-2	21800	21039	21149	21329	1.93	cps
Rhodium	103-1	16542986	16288348	16312401	16381245	0.86	cps
Rhodium	103-2	6254470	6249482	6194593	6232848	0.53	cps
Scandium	45-1	11705959	11759811	11576784	11680851	0.81	cps
Scandium	45-2	229200	227760	224463	227141	1.07	cps
Selenium	82-1	-23	23	17	6	454.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	13	10	9	57.30	cps
Silicon	28-1	539920	535681	563141	546247	2.71	cps
Silver	107-1	2174	1897	1583	1885	15.67	cps
Silver	109-1	1887	1833	1553	1758	10.19	cps
Sodium	23-2	120418	118476	115428	118107	2.13	cps
Strontium	86-1	793	810	640	748	12.53	cps
Strontium	88-1	2437	2364	1737	2179	17.66	cps
Sulfur	34-1	769688	772711	775518	772639	0.38	cps
Terbium	159-1	22918114	22810951	22762229	22830431	0.35	cps
Terbium	159-2	6999254	6923359	6799871	6907495	1.46	cps
Thallium	203-1	1770	1803	1530	1701	8.77	cps
Thallium	205-1	4611	3981	3454	4015	14.43	cps
Tin	118-1	2987	2910	2697	2865	5.25	cps
Titanium	47-1	1493	1127	1047	1222	19.49	cps
Uranium	238-1	2280	1940	1410	1877	23.36	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:36:42	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	20	53	54	64.31	cps
Ytterbium	172-1	123	143	150	139	9.99	cps
Ytterbium	172-2	47	57	37	47	21.43	cps
Ytterbium	176-1	2060	2030	1924	2005	3.58	cps
Ytterbium	176-2	260	263	257	260	1.28	cps
Yttrium	89-1	30182924	30456994	29897041	30178986	0.93	cps
Yttrium	89-2	2144201	2127272	2089135	2120203	1.33	cps
Zinc	66-2	840	787	790	806	3.71	cps
Zirconium	90-1	2854	2587	2330	2590	10.10	cps
Zirconium	91-1	727	550	430	569	26.23	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1730	1600	1607	1646	4.45	cps
Antimony	121-1	40099	39163	39761	39674	1.19	cps
Arsenic	75-2	377	457	413	416	9.64	cps
Barium	135-1	44877	45603	45860	45447	1.12	cps
Barium	137-1	78368	80370	79793	79511	1.30	cps
Beryllium	9-1	6888	7060	6965	6971	1.23	cps
Bismuth	209-1	14235629	14449780	14484139	14389850	0.94	cps
Bismuth	209-2	5335459	5326076	5328402	5329979	0.09	cps
Bromine	81-1	4694	4361	4644	4566	3.94	cps
Cadmium	108-1	350	443	477	423	15.51	cps
Cadmium	106-1	8566	8513	8303	8460	1.65	cps
Cadmium	111-1	10605	10603	10452	10554	0.83	cps
Calcium	43-1	31401	31748	31134	31428	0.98	cps
Calcium	44-1	514070	525447	516779	518765	1.15	cps
Carbon	12-1	3727741	3667422	3731293	3708819	0.97	cps
Carbon	12-2	25482	24651	24511	24881	2.11	cps
Chlorine	35-1	455820	454329	447375	452508	1.00	cps
Chlorine	35-2	1857	1857	1903	1872	1.44	cps
Chromium	52-2	9360	9697	9563	9540	1.78	cps
Cobalt	59-2	7956	8606	8236	8266	3.95	cps
Copper	63-2	16450	16259	16052	16254	1.22	cps
Dysprosium	156-1	20	30	20	23	24.74	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	117	140	150	136	12.62	cps
Erbium	164-2	43	53	33	43	23.08	cps
Gadolinium	160-1	133	143	137	138	3.70	cps
Gadolinium	160-2	23	23	10	19	40.75	cps
Holmium	165-1	22449381	22218280	22306805	22324822	0.52	cps
Holmium	165-2	7110479	7255907	7092765	7153050	1.25	cps
Indium	115-1	17928684	17291282	17841287	17687084	1.95	cps
Indium	115-2	1673637	1717777	1675147	1688854	1.48	cps
Iron	54-2	9603	9517	9507	9542	0.56	cps
Iron	56-2	167642	167015	166182	166947	0.44	cps
Iron	57-2	4244	4154	4154	4184	1.24	cps
Krypton	83-1	270	300	293	288	5.47	cps
Lead	206-1	19007	19331	19231	19190	0.86	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16771	16704	16744	16740	0.20	cps
Lead	208-1	75613	75803	76515	75977	0.63	cps
Lithium	6-1	7823672	7731451	7722812	7759312	0.72	cps
Magnesium	24-2	148193	148090	147130	147804	0.40	cps
Manganese	55-2	1853	1930	1997	1927	3.72	cps
Molybdenum	94-1	38196	38035	38911	38381	1.21	cps
Molybdenum	95-1	47003	47387	46768	47053	0.66	cps
Molybdenum	96-1	51391	51980	52275	51882	0.87	cps
Molybdenum	97-1	28934	29966	30317	29739	2.42	cps
Molybdenum	98-1	74056	75866	75145	75022	1.21	cps
Neodymium	150-1	13	10	27	17	52.93	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4504	4324	4437	4422	2.06	cps
Phosphorus	31-2	213	177	223	204	12.02	cps
Potassium	39-2	97943	97412	97362	97572	0.33	cps
Rhodium	103-1	16537824	16430474	16303555	16423951	0.71	cps
Rhodium	103-2	6210520	6257025	6331027	6266191	0.97	cps
Scandium	45-1	11886979	11966977	11911006	11921654	0.34	cps
Scandium	45-2	230841	228695	227534	229023	0.73	cps
Selenium	82-1	1680	1553	1453	1562	7.27	cps
Selenium	77-2	33	20	43	32	36.33	cps
Selenium	78-2	80	67	97	81	18.53	cps
Silicon	28-1	620320	620693	615983	618999	0.42	cps
Silver	107-1	23490	23807	24061	23786	1.20	cps
Silver	109-1	22759	22111	23761	22877	3.63	cps
Sodium	23-2	394507	390457	387661	390875	0.88	cps
Strontium	86-1	6495	6615	6568	6559	0.92	cps
Strontium	88-1	52917	53405	53750	53357	0.78	cps
Sulfur	34-1	801315	800892	791711	797973	0.68	cps
Terbium	159-1	22859383	22984497	22454177	22766019	1.22	cps
Terbium	159-2	6841915	6818484	6896807	6852402	0.59	cps
Thallium	203-1	19004	19598	19395	19332	1.56	cps
Thallium	205-1	46794	46961	46202	46653	0.86	cps
Tin	118-1	78949	77977	79448	78792	0.95	cps
Titanium	47-1	14821	14331	14748	14633	1.81	cps
Uranium	238-1	55394	56416	55287	55699	1.12	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:40:03	DataFile Name :	054LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16103	16146	16092	16114	0.18	cps
Ytterbium	172-1	107	90	137	111	21.28	cps
Ytterbium	172-2	33	23	30	29	17.63	cps
Ytterbium	176-1	1893	2167	1924	1995	7.52	cps
Ytterbium	176-2	237	243	310	263	15.40	cps
Yttrium	89-1	30784574	29867947	30209581	30287367	1.53	cps
Yttrium	89-2	2091982	2102952	2077533	2090822	0.61	cps
Zinc	66-2	3367	3614	3440	3474	3.65	cps
Zirconium	90-1	33062	34152	32725	33313	2.24	cps
Zirconium	91-1	7142	7142	7335	7206	1.55	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	87	130	103	22.58	cps
Antimony	121-1	527	457	427	470	10.92	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	137	153	140	143	6.15	cps
Barium	137-1	310	227	260	266	15.80	cps
Beryllium	9-1	727	742	680	717	4.55	cps
Bismuth	209-1	14557354	14327392	14261722	14382156	1.08	cps
Bismuth	209-2	5286929	5316910	5321286	5308375	0.35	cps
Bromine	81-1	4404	4467	4521	4464	1.31	cps
Cadmium	108-1	33	47	30	37	24.06	cps
Cadmium	106-1	7852	7722	7749	7774	0.88	cps
Cadmium	111-1	5533	5466	5457	5485	0.76	cps
Calcium	43-1	483	460	493	479	3.57	cps
Calcium	44-1	28482	28131	28138	28250	0.71	cps
Carbon	12-1	3426247	3323864	3318635	3356249	1.81	cps
Carbon	12-2	22057	22237	22557	22284	1.14	cps
Chlorine	35-1	402946	400418	398439	400601	0.56	cps
Chlorine	35-2	1660	1777	1730	1722	3.41	cps
Chromium	52-2	917	1053	877	949	9.76	cps
Cobalt	59-2	150	150	153	151	1.28	cps
Copper	63-2	3014	2950	3017	2994	1.25	cps
Dysprosium	156-1	17	30	10	19	53.91	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	133	113	127	124	8.19	cps
Erbium	164-2	20	40	23	28	38.58	cps
Gadolinium	160-1	130	103	137	123	14.30	cps
Gadolinium	160-2	17	30	10	19	53.91	cps
Holmium	165-1	22385851	22488941	22198518	22357770	0.66	cps
Holmium	165-2	7151191	7130023	7097623	7126279	0.38	cps
Indium	115-1	18096030	17784408	17587181	17822540	1.44	cps
Indium	115-2	1720055	1695106	1684535	1699899	1.07	cps
Iron	54-2	603	620	557	593	5.53	cps
Iron	56-2	8042	8019	7882	7981	1.08	cps
Iron	57-2	207	257	213	226	12.04	cps
Krypton	83-1	353	317	347	339	5.76	cps
Lead	206-1	3767	3771	3581	3706	2.94	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3204	3020	3077	3100	3.03	cps
Lead	208-1	14593	14387	14120	14367	1.65	cps
Lithium	6-1	7891771	7757221	7718618	7789203	1.17	cps
Magnesium	24-2	2034	2000	2087	2040	2.14	cps
Manganese	55-2	200	200	167	189	10.19	cps
Molybdenum	94-1	597	580	637	604	4.82	cps
Molybdenum	95-1	340	380	390	370	7.15	cps
Molybdenum	96-1	380	447	460	429	9.99	cps
Molybdenum	97-1	197	200	190	196	2.60	cps
Molybdenum	98-1	557	553	467	526	9.71	cps
Neodymium	150-1	13	10	20	14	35.26	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1123	1217	1213	1185	4.47	cps
Phosphorus	31-2	73	60	70	68	10.24	cps
Potassium	39-2	18315	18001	17814	18044	1.40	cps
Rhodium	103-1	16729359	16551501	16605168	16628676	0.55	cps
Rhodium	103-2	6242813	6355601	6143379	6247264	1.70	cps
Scandium	45-1	11897870	11966696	11900494	11921687	0.33	cps
Scandium	45-2	227804	232790	228526	229707	1.17	cps
Selenium	82-1	13	17	-37	-2	-1347.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	10	0	8	89.21	cps
Silicon	28-1	534872	533007	533024	533634	0.20	cps
Silver	107-1	587	630	677	631	7.13	cps
Silver	109-1	470	397	430	432	8.49	cps
Sodium	23-2	101657	101815	102543	102005	0.46	cps
Strontium	86-1	553	537	523	538	2.79	cps
Strontium	88-1	630	737	707	691	7.96	cps
Sulfur	34-1	789885	784662	788870	787806	0.35	cps
Terbium	159-1	22932150	22789881	22878005	22866679	0.31	cps
Terbium	159-2	6833211	6897665	6932958	6887944	0.73	cps
Thallium	203-1	700	680	617	666	6.54	cps
Thallium	205-1	1687	1783	1630	1700	4.56	cps
Tin	118-1	1857	1727	2064	1882	9.02	cps
Titanium	47-1	293	317	263	291	9.18	cps
Uranium	238-1	97	87	117	100	15.27	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BL	Instrumnet Name :	P8
Client Sample ID :	PB166594BL	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:43:24	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	17	10	10	66.70	cps
Ytterbium	172-1	130	103	107	113	12.82	cps
Ytterbium	172-2	67	47	40	51	27.15	cps
Ytterbium	176-1	1987	1827	2114	1976	7.27	cps
Ytterbium	176-2	240	237	233	237	1.41	cps
Yttrium	89-1	29831598	29874527	30181147	29962424	0.64	cps
Yttrium	89-2	2122694	2180141	2110326	2137721	1.74	cps
Zinc	66-2	263	303	240	269	11.91	cps
Zirconium	90-1	1107	1150	1067	1108	3.76	cps
Zirconium	91-1	213	223	213	217	2.66	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742345	739296	732961	738200	0.65	cps
Antimony	121-1	9209236	9345676	9305569	9286827	0.76	cps
Arsenic	75-2	175036	174843	172697	174192	0.75	cps
Barium	135-1	11320989	11282249	11174634	11259291	0.67	cps
Barium	137-1	19604046	19468091	19621898	19564679	0.43	cps
Beryllium	9-1	2846307	2811555	2833137	2830333	0.62	cps
Bismuth	209-1	13610065	13487208	13419251	13505508	0.72	cps
Bismuth	209-2	4979905	5022284	4974799	4992329	0.52	cps
Bromine	81-1	4407	4261	4274	4314	1.88	cps
Cadmium	108-1	176221	179549	181863	179211	1.58	cps
Cadmium	106-1	257783	258818	256389	257663	0.47	cps
Cadmium	111-1	2318515	2314737	2336706	2323320	0.51	cps
Calcium	43-1	2960129	2993025	2957978	2970377	0.66	cps
Calcium	44-1	47260699	47668699	47045626	47325008	0.67	cps
Carbon	12-1	4449424	4419625	4522396	4463815	1.18	cps
Carbon	12-2	33298	32563	32650	32837	1.22	cps
Chlorine	35-1	400230	398540	393347	397372	0.90	cps
Chlorine	35-2	1667	1627	1717	1670	2.70	cps
Chromium	52-2	2029281	2027432	2032949	2029887	0.14	cps
Cobalt	59-2	3801321	3754591	3712502	3756138	1.18	cps
Copper	63-2	28820875	28821678	28620555	28754369	0.40	cps
Dysprosium	156-1	197	233	227	219	8.92	cps
Dysprosium	156-2	30	57	40	42	31.91	cps
Erbium	164-1	173	163	237	191	20.81	cps
Erbium	164-2	73	77	77	76	2.55	cps
Gadolinium	160-1	237	223	213	224	5.21	cps
Gadolinium	160-2	43	63	40	49	25.81	cps
Holmium	165-1	21858746	21795823	21806971	21820513	0.15	cps
Holmium	165-2	6900199	6840609	6910377	6883728	0.55	cps
Indium	115-1	17016483	16543174	16801443	16787033	1.41	cps
Indium	115-2	1526460	1477415	1471272	1491715	2.03	cps
Iron	54-2	4169076	4154480	4085845	4136467	1.07	cps
Iron	56-2	74443019	73221202	73632556	73765592	0.84	cps
Iron	57-2	1909717	1884963	1859747	1884809	1.33	cps
Krypton	83-1	330	307	313	317	3.80	cps
Lead	206-1	37708903	38236683	37584569	37843385	0.91	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	31790435	32840788	31885808	32172344	1.81	cps
Lead	208-1	147548397	150709104	148317424	148858308	1.11	cps
Lithium	6-1	7577130	7460797	7561198	7533041	0.84	cps
Magnesium	24-2	14175636	13961211	14108575	14081808	0.78	cps
Manganese	55-2	8150580	7964154	8057241	8057325	1.16	cps
Molybdenum	94-1	32192333	32045070	31726888	31988097	0.74	cps
Molybdenum	95-1	46162296	47034938	46101703	46432979	1.12	cps
Molybdenum	96-1	50290694	50666434	50711451	50556193	0.46	cps
Molybdenum	97-1	28411561	28689700	28866795	28656019	0.80	cps
Molybdenum	98-1	74735967	75128886	75193382	75019412	0.33	cps
Neodymium	150-1	600	603	720	641	10.66	cps
Neodymium	150-2	13	37	23	24	47.91	cps
Nickel	60-2	985423	974503	986703	982210	0.68	cps
Phosphorus	31-2	35610	35761	35774	35715	0.25	cps
Potassium	39-2	3954411	3914412	3866733	3911852	1.12	cps
Rhodium	103-1	15374766	15346820	15194284	15305290	0.63	cps
Rhodium	103-2	5802302	5720844	5675267	5732805	1.12	cps
Scandium	45-1	11348931	11393785	11216555	11319757	0.81	cps
Scandium	45-2	221477	222299	218589	220788	0.88	cps
Selenium	82-1	131311	131869	133498	132226	0.86	cps
Selenium	77-2	2214	2147	2130	2164	2.04	cps
Selenium	78-2	7452	7559	7746	7585	1.96	cps
Silicon	28-1	7410544	7251575	7334486	7332202	1.08	cps
Silver	107-1	11641836	11660132	11735675	11679215	0.43	cps
Silver	109-1	10819439	10950287	11154755	10974827	1.54	cps
Sodium	23-2	28408304	27958179	27972352	28112945	0.91	cps
Strontium	86-1	3000033	3022171	2988806	3003670	0.57	cps
Strontium	88-1	25663800	26318991	25783701	25922164	1.35	cps
Sulfur	34-1	1573169	1556155	1562257	1563860	0.55	cps
Terbium	159-1	22399381	22261320	22305709	22322136	0.32	cps
Terbium	159-2	6671218	6683646	6686876	6680580	0.12	cps
Thallium	203-1	9153437	9282597	9007097	9147710	1.51	cps
Thallium	205-1	22218006	21914661	21715298	21949322	1.15	cps
Tin	118-1	7406086	7383955	7388161	7392734	0.16	cps
Titanium	47-1	13562185	13783967	13672385	13672846	0.81	cps
Uranium	238-1	28314306	29084547	29308268	28902374	1.80	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	PB166594BS	Instrumnet Name :	P8
Client Sample ID :	PB166594BS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:46:43	DataFile Name :	056LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1562559	1571666	1567991	1567406	0.29	cps
Ytterbium	172-1	213	210	197	207	4.27	cps
Ytterbium	172-2	77	53	90	73	25.31	cps
Ytterbium	176-1	42900	43953	44247	43700	1.62	cps
Ytterbium	176-2	13527	13510	13824	13620	1.30	cps
Yttrium	89-1	29531014	29314194	29219356	29354855	0.54	cps
Yttrium	89-2	2015688	2010607	2028397	2018230	0.45	cps
Zinc	66-2	3126316	3189377	3127368	3147687	1.15	cps
Zirconium	90-1	16410662	16314642	16191749	16305684	0.67	cps
Zirconium	91-1	3629318	3681894	3614033	3641748	0.98	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21840	21379	22053	21757	1.58	cps
Antimony	121-1	17548	17081	16901	17176	1.95	cps
Arsenic	75-2	450	523	580	518	12.59	cps
Barium	135-1	574406	568357	553080	565281	1.94	cps
Barium	137-1	998358	992651	965779	985596	1.77	cps
Beryllium	9-1	1742	1811	1827	1794	2.52	cps
Bismuth	209-1	15518499	15452477	14986456	15319144	1.89	cps
Bismuth	209-2	5457472	5445192	5425185	5442616	0.30	cps
Bromine	81-1	32935	38292	41481	37570	11.49	cps
Cadmium	108-1	587	517	570	558	6.56	cps
Cadmium	106-1	9320	9096	9020	9145	1.71	cps
Cadmium	111-1	11238	11030	10582	10950	3.06	cps
Calcium	43-1	2545982	2508393	2542518	2532298	0.82	cps
Calcium	44-1	41315115	41395884	40442744	41051248	1.29	cps
Carbon	12-1	1145415343	1296196887	1343312353	1261641528	8.19	cps
Carbon	12-2	8721400	8809756	8817985	8783047	0.61	cps
Chlorine	35-1	2749627	2915635	2965296	2876853	3.93	cps
Chlorine	35-2	13039	13096	13096	13077	0.25	cps
Chromium	52-2	19764	20111	19947	19941	0.87	cps
Cobalt	59-2	11054	10804	10944	10934	1.15	cps
Copper	63-2	932418	926963	932429	930603	0.34	cps
Dysprosium	156-1	503	477	497	492	2.82	cps
Dysprosium	156-2	110	160	127	132	19.25	cps
Erbium	164-1	473	480	503	486	3.24	cps
Erbium	164-2	137	127	157	140	10.91	cps
Gadolinium	160-1	613	547	547	569	6.77	cps
Gadolinium	160-2	160	127	150	146	11.75	cps
Holmium	165-1	24243324	24092483	24138931	24158246	0.32	cps
Holmium	165-2	7464414	7353935	7275782	7364710	1.29	cps
Indium	115-1	19151751	18932650	19191571	19091991	0.73	cps
Indium	115-2	1761930	1742099	1741111	1748380	0.67	cps
Iron	54-2	75967	74024	73779	74590	1.61	cps
Iron	56-2	1412666	1427017	1393588	1411090	1.19	cps
Iron	57-2	33412	33613	33272	33433	0.51	cps
Krypton	83-1	343	293	310	316	8.07	cps
Lead	206-1	1074404	1071029	1060504	1068646	0.68	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	901039	900169	871300	890836	1.90	cps
Lead	208-1	4376277	4335704	4259069	4323683	1.38	cps
Lithium	6-1	8440123	8290027	8320774	8350308	0.95	cps
Magnesium	24-2	3444767	3473315	3429155	3449079	0.65	cps
Manganese	55-2	39752	39247	38632	39210	1.43	cps
Molybdenum	94-1	44247	43601	43294	43714	1.11	cps
Molybdenum	95-1	21533	20061	19677	20424	4.80	cps
Molybdenum	96-1	28806	28002	25991	27600	5.25	cps
Molybdenum	97-1	13173	13220	11862	12752	6.05	cps
Molybdenum	98-1	34483	33240	31138	32954	5.13	cps
Neodymium	150-1	2637	3484	3907	3343	19.35	cps
Neodymium	150-2	150	153	153	152	1.27	cps
Nickel	60-2	12672	12432	12129	12411	2.20	cps
Phosphorus	31-2	2684	2757	2760	2734	1.59	cps
Potassium	39-2	309091	308006	307281	308126	0.30	cps
Rhodium	103-1	17627613	17608253	17512807	17582891	0.35	cps
Rhodium	103-2	6416003	6489270	6441155	6448809	0.58	cps
Scandium	45-1	12785313	12848735	12520001	12718016	1.37	cps
Scandium	45-2	239227	238515	238287	238676	0.21	cps
Selenium	82-1	70	183	240	164	52.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	27	40	30	29.40	cps
Silicon	28-1	27820175	31390542	32699824	30636847	8.24	cps
Silver	107-1	8766	8773	8923	8821	1.01	cps
Silver	109-1	8296	8019	7982	8099	2.12	cps
Sodium	23-2	6583887	6630032	6495424	6569781	1.04	cps
Strontium	86-1	867685	864027	845531	859081	1.38	cps
Strontium	88-1	7953595	7932585	7815538	7900573	0.94	cps
Sulfur	34-1	1518974	1511827	1501217	1510673	0.59	cps
Terbium	159-1	24914498	24485394	24693645	24697846	0.87	cps
Terbium	159-2	7201412	7105553	7116757	7141241	0.73	cps
Thallium	203-1	3687	4578	4774	4346	13.33	cps
Thallium	205-1	8753	10674	11745	10391	14.59	cps
Tin	118-1	59187	59462	58826	59158	0.54	cps
Titanium	47-1	17571	17601	17367	17513	0.73	cps
Uranium	238-1	23205	23782	22176	23054	3.53	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-02	Instrumnet Name :	P8
Client Sample ID :	431	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:49:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2667	2740	2770	2726	1.95	cps
Ytterbium	172-1	317	293	307	306	3.83	cps
Ytterbium	172-2	127	117	120	121	4.20	cps
Ytterbium	176-1	2260	2504	2364	2376	5.14	cps
Ytterbium	176-2	327	423	353	368	13.57	cps
Yttrium	89-1	32633628	32933442	32577462	32714844	0.59	cps
Yttrium	89-2	2194740	2150686	2187715	2177714	1.09	cps
Zinc	66-2	576432	573489	576925	575615	0.32	cps
Zirconium	90-1	92112	90377	87103	89864	2.83	cps
Zirconium	91-1	20552	19601	19374	19842	3.15	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33612	33636	33225	33491	0.69	cps
Antimony	121-1	63279	62991	61578	62616	1.45	cps
Arsenic	75-2	4291	4227	4304	4274	0.96	cps
Barium	135-1	1954888	1965698	1938771	1953119	0.69	cps
Barium	137-1	3378174	3395209	3344727	3372703	0.76	cps
Beryllium	9-1	1580	1622	1401	1534	7.65	cps
Bismuth	209-1	14931340	14752780	14790814	14824978	0.63	cps
Bismuth	209-2	5415487	5379691	5310031	5368403	1.00	cps
Bromine	81-1	127200	132508	134524	131411	2.88	cps
Cadmium	108-1	5161	4951	5411	5174	4.45	cps
Cadmium	106-1	13904	14107	14157	14056	0.96	cps
Cadmium	111-1	8807	9050	8749	8869	1.80	cps
Calcium	43-1	5489531	5465435	5321170	5425379	1.68	cps
Calcium	44-1	88388845	87571689	86621032	87527189	1.01	cps
Carbon	12-1	125450841	117225842	109672282	117449655	6.72	cps
Carbon	12-2	685922	665045	650962	667309	2.64	cps
Chlorine	35-1	39233998	42995923	44578406	42269442	6.49	cps
Chlorine	35-2	191423	188771	191560	190585	0.83	cps
Chromium	52-2	111480	112225	111436	111714	0.40	cps
Cobalt	59-2	52807	53062	52366	52745	0.67	cps
Copper	63-2	375026	371159	369012	371732	0.82	cps
Dysprosium	156-1	3611	3827	3537	3658	4.12	cps
Dysprosium	156-2	1063	1193	1170	1142	6.07	cps
Erbium	164-1	3671	3404	3664	3579	4.25	cps
Erbium	164-2	1043	1150	1020	1071	6.47	cps
Gadolinium	160-1	3784	4011	3754	3849	3.65	cps
Gadolinium	160-2	1247	1367	1440	1351	7.22	cps
Holmium	165-1	24994736	25387696	25193493	25191975	0.78	cps
Holmium	165-2	7817868	7652603	7636773	7702415	1.30	cps
Indium	115-1	19034161	19110637	19104232	19083010	0.22	cps
Indium	115-2	1770644	1776263	1740914	1762607	1.08	cps
Iron	54-2	4098998	4008651	3912061	4006570	2.33	cps
Iron	56-2	72835657	73439367	71648242	72641089	1.25	cps
Iron	57-2	1874743	1875400	1840064	1863403	1.08	cps
Krypton	83-1	290	357	357	334	11.51	cps
Lead	206-1	583737	578785	579316	580612	0.47	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	494147	481858	486768	487591	1.27	cps
Lead	208-1	2280727	2251406	2264802	2265645	0.65	cps
Lithium	6-1	8303413	8198807	7989616	8163945	1.96	cps
Magnesium	24-2	3066181	3073331	2978283	3039265	1.74	cps
Manganese	55-2	13169387	13230055	12679499	13026314	2.32	cps
Molybdenum	94-1	179258	178528	174136	177308	1.56	cps
Molybdenum	95-1	275047	278102	273180	275443	0.90	cps
Molybdenum	96-1	300407	304036	301753	302065	0.61	cps
Molybdenum	97-1	171580	177479	170016	173025	2.27	cps
Molybdenum	98-1	440412	448972	443283	444222	0.98	cps
Neodymium	150-1	5298	5134	4934	5122	3.55	cps
Neodymium	150-2	947	890	920	919	3.09	cps
Nickel	60-2	56863	57388	56254	56835	1.00	cps
Phosphorus	31-2	6885	6718	6592	6732	2.19	cps
Potassium	39-2	1714421	1718378	1698487	1710429	0.62	cps
Rhodium	103-1	16991574	16976524	16940601	16969567	0.15	cps
Rhodium	103-2	6343752	6359172	6176162	6293029	1.61	cps
Scandium	45-1	12937379	12919962	12732304	12863215	0.88	cps
Scandium	45-2	246438	244547	242008	244331	0.91	cps
Selenium	82-1	317	283	337	312	8.63	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	13	43	23	27	57.29	cps
Silicon	28-1	145667531	147552734	147550268	146923511	0.74	cps
Silver	107-1	84896	85617	84473	84995	0.68	cps
Silver	109-1	80288	82267	81422	81326	1.22	cps
Sodium	23-2	182498331	182298391	177810877	180869200	1.47	cps
Strontium	86-1	1287414	1288782	1280229	1285475	0.36	cps
Strontium	88-1	11950217	11683732	11837609	11823853	1.13	cps
Sulfur	34-1	3544579	3601566	3557321	3567822	0.84	cps
Terbium	159-1	25110148	25380086	25292543	25260926	0.55	cps
Terbium	159-2	7508882	7425358	7338787	7424343	1.15	cps
Thallium	203-1	1810	1837	1673	1773	4.94	cps
Thallium	205-1	4441	4174	4201	4272	3.44	cps
Tin	118-1	68417	69545	68205	68722	1.05	cps
Titanium	47-1	50974	51291	50174	50813	1.13	cps
Uranium	238-1	39632	39599	39348	39526	0.39	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03	Instrumnet Name :	P8
Client Sample ID :	433	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:52:39	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14097	13657	13333	13696	2.80	cps
Ytterbium	172-1	2154	3110	1927	2397	26.21	cps
Ytterbium	172-2	673	837	760	757	10.80	cps
Ytterbium	176-1	3387	3717	3621	3575	4.75	cps
Ytterbium	176-2	747	817	780	781	4.48	cps
Yttrium	89-1	33646517	33488260	32761500	33298759	1.42	cps
Yttrium	89-2	2274776	2258429	2271097	2268100	0.38	cps
Zinc	66-2	123089	122366	122779	122745	0.30	cps
Zirconium	90-1	52040	52130	52982	52384	0.99	cps
Zirconium	91-1	11712	11892	11695	11766	0.93	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33305	33255	33359	33306	0.16	cps
Antimony	121-1	61986	61340	60463	61263	1.25	cps
Arsenic	75-2	4494	4401	4217	4371	3.22	cps
Barium	135-1	1929402	1959143	1895951	1928165	1.64	cps
Barium	137-1	3376256	3326343	3223266	3308622	2.36	cps
Beryllium	9-1	1236	1339	1284	1286	3.99	cps
Bismuth	209-1	14523639	14560402	14768885	14617642	0.90	cps
Bismuth	209-2	5352962	5359546	5056444	5256318	3.29	cps
Bromine	81-1	126242	128761	132054	129019	2.26	cps
Cadmium	108-1	5148	5418	4721	5095	6.90	cps
Cadmium	106-1	14037	13934	14211	14061	1.00	cps
Cadmium	111-1	8850	8618	9217	8895	3.39	cps
Calcium	43-1	5291292	5319759	5243799	5284950	0.73	cps
Calcium	44-1	84581727	85109917	84416455	84702700	0.43	cps
Carbon	12-1	68865202	73011609	75100596	72325802	4.39	cps
Carbon	12-2	515683	512872	515877	514811	0.33	cps
Chlorine	35-1	39826772	42956948	44612489	42465403	5.72	cps
Chlorine	35-2	189301	190318	191824	190481	0.67	cps
Chromium	52-2	109952	108682	108490	109042	0.73	cps
Cobalt	59-2	53858	53082	53677	53539	0.76	cps
Copper	63-2	505935	505869	501087	504297	0.55	cps
Dysprosium	156-1	3507	3440	3470	3473	0.96	cps
Dysprosium	156-2	1260	1223	1143	1209	4.94	cps
Erbium	164-1	3581	3737	3804	3707	3.09	cps
Erbium	164-2	1063	1063	1063	1063	0.00	cps
Gadolinium	160-1	3691	3851	3561	3701	3.93	cps
Gadolinium	160-2	1457	1273	1383	1371	6.73	cps
Holmium	165-1	24753699	24382430	24376901	24504343	0.88	cps
Holmium	165-2	7695919	7650829	7285147	7543965	2.99	cps
Indium	115-1	18875226	18637535	18340178	18617646	1.44	cps
Indium	115-2	1741408	1747798	1620890	1703365	4.20	cps
Iron	54-2	3988731	3900809	3861792	3917111	1.66	cps
Iron	56-2	72055626	71421956	71630919	71702833	0.45	cps
Iron	57-2	1842366	1813204	1800807	1818792	1.17	cps
Krypton	83-1	310	383	440	378	17.25	cps
Lead	206-1	580149	571393	572049	574530	0.85	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	483716	483712	478694	482041	0.60	cps
Lead	208-1	2246023	2242611	2239024	2242552	0.16	cps
Lithium	6-1	8021188	8019310	7942864	7994454	0.56	cps
Magnesium	24-2	2929434	2938049	2921188	2929557	0.29	cps
Manganese	55-2	12836160	12712377	12588862	12712466	0.97	cps
Molybdenum	94-1	172695	173626	171915	172745	0.50	cps
Molybdenum	95-1	270315	270751	270201	270422	0.11	cps
Molybdenum	96-1	294609	294565	289342	292839	1.03	cps
Molybdenum	97-1	169312	168013	170604	169310	0.77	cps
Molybdenum	98-1	439021	435964	433354	436113	0.65	cps
Neodymium	150-1	4431	4648	4277	4452	4.18	cps
Neodymium	150-2	860	903	780	848	7.38	cps
Nickel	60-2	87560	85005	84197	85587	2.05	cps
Phosphorus	31-2	7002	6605	6295	6634	5.34	cps
Potassium	39-2	1696701	1678777	1676132	1683870	0.66	cps
Rhodium	103-1	16692724	16448966	16645401	16595697	0.78	cps
Rhodium	103-2	6166518	6253052	5858661	6092744	3.40	cps
Scandium	45-1	12657877	12422235	12687589	12589234	1.15	cps
Scandium	45-2	240465	240717	227598	236260	3.18	cps
Selenium	82-1	237	240	187	221	13.51	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	20	43	20	28	48.49	cps
Silicon	28-1	141040231	140297208	141138475	140825305	0.33	cps
Silver	107-1	81643	83058	83624	82775	1.23	cps
Silver	109-1	79076	78837	79729	79214	0.58	cps
Sodium	23-2	175978117	173688651	175922204	175196324	0.75	cps
Strontium	86-1	1259001	1245815	1231722	1245513	1.10	cps
Strontium	88-1	11483881	11454812	11383639	11440777	0.45	cps
Sulfur	34-1	3490559	3479100	3475263	3481641	0.23	cps
Terbium	159-1	24698395	25075007	24550907	24774770	1.09	cps
Terbium	159-2	7435158	7393989	6922027	7250391	3.93	cps
Thallium	203-1	1183	1187	1263	1211	3.74	cps
Thallium	205-1	2604	2660	2660	2641	1.24	cps
Tin	118-1	75694	76807	74776	75759	1.34	cps
Titanium	47-1	50817	50127	49291	50078	1.53	cps
Uranium	238-1	39268	38559	38689	38839	0.97	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUP	Instrumnet Name :	P8
Client Sample ID :	433DUP	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 17:55:51	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13450	12923	12923	13098	2.32	cps
Ytterbium	172-1	1893	1893	2077	1955	5.42	cps
Ytterbium	172-2	740	733	767	747	2.36	cps
Ytterbium	176-1	3377	3410	3547	3445	2.62	cps
Ytterbium	176-2	923	743	670	779	16.74	cps
Yttrium	89-1	32707324	32161809	32237535	32368889	0.91	cps
Yttrium	89-2	2241266	2257830	2089202	2196099	4.23	cps
Zinc	66-2	125778	125126	124504	125136	0.51	cps
Zirconium	90-1	50966	50896	51214	51025	0.33	cps
Zirconium	91-1	11425	11295	11848	11523	2.51	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6805	6905	6805	6838	0.85	cps
Antimony	121-1	12466	12176	12783	12475	2.43	cps
Arsenic	75-2	887	963	843	898	6.77	cps
Barium	135-1	346720	348840	346919	347493	0.34	cps
Barium	137-1	604112	609486	596839	603479	1.05	cps
Beryllium	9-1	875	872	791	846	5.63	cps
Bismuth	209-1	15155731	14711111	15020991	14962611	1.52	cps
Bismuth	209-2	5474286	5440225	5425165	5446559	0.46	cps
Bromine	81-1	31893	31943	32878	32238	1.72	cps
Cadmium	108-1	987	967	1143	1032	9.37	cps
Cadmium	106-1	9800	9740	10177	9906	2.39	cps
Cadmium	111-1	6683	6711	6944	6779	2.11	cps
Calcium	43-1	997144	1006981	996913	1000346	0.57	cps
Calcium	44-1	16869142	17014823	16751077	16878347	0.78	cps
Carbon	12-1	24006900	24031803	23414847	23817850	1.47	cps
Carbon	12-2	155165	155687	152727	154526	1.02	cps
Chlorine	35-1	10060901	10564381	10690834	10438705	3.19	cps
Chlorine	35-2	44548	44137	45301	44662	1.32	cps
Chromium	52-2	22097	22204	22648	22316	1.31	cps
Cobalt	59-2	10808	10357	10607	10591	2.13	cps
Copper	63-2	76676	75556	77021	76418	1.00	cps
Dysprosium	156-1	717	667	753	712	6.11	cps
Dysprosium	156-2	253	210	283	249	14.81	cps
Erbium	164-1	667	787	777	743	8.96	cps
Erbium	164-2	230	277	233	247	10.55	cps
Gadolinium	160-1	883	857	843	861	2.37	cps
Gadolinium	160-2	290	307	323	307	5.43	cps
Holmium	165-1	23758992	23669825	23633992	23687603	0.27	cps
Holmium	165-2	7636145	7490016	7627241	7584467	1.08	cps
Indium	115-1	18472895	18594721	18389691	18485769	0.56	cps
Indium	115-2	1768204	1753709	1744571	1755495	0.68	cps
Iron	54-2	762118	756154	757691	758654	0.41	cps
Iron	56-2	14494030	14442171	14423450	14453217	0.25	cps
Iron	57-2	349554	344797	345760	346704	0.73	cps
Krypton	83-1	323	347	290	320	8.90	cps
Lead	206-1	115398	115489	114198	115028	0.63	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	95939	96016	96587	96181	0.37	cps
Lead	208-1	445499	446085	446740	446108	0.14	cps
Lithium	6-1	7931116	8244537	7992830	8056161	2.06	cps
Magnesium	24-2	572631	569799	575289	572573	0.48	cps
Manganese	55-2	2630098	2618676	2574013	2607596	1.14	cps
Molybdenum	94-1	34185	34042	33470	33899	1.12	cps
Molybdenum	95-1	52318	52442	52435	52398	0.13	cps
Molybdenum	96-1	57368	56943	57478	57263	0.49	cps
Molybdenum	97-1	34189	32291	32561	33014	3.11	cps
Molybdenum	98-1	84066	84565	84874	84502	0.48	cps
Neodymium	150-1	803	857	953	871	8.73	cps
Neodymium	150-2	217	180	230	209	12.40	cps
Nickel	60-2	12275	12182	12265	12241	0.42	cps
Phosphorus	31-2	1447	1330	1427	1401	4.45	cps
Potassium	39-2	337356	331551	334626	334511	0.87	cps
Rhodium	103-1	16986204	16956434	16655498	16866045	1.08	cps
Rhodium	103-2	6345589	6438022	6288198	6357270	1.19	cps
Scandium	45-1	12197034	12296161	12225188	12239461	0.42	cps
Scandium	45-2	238151	237820	236193	237388	0.44	cps
Selenium	82-1	30	27	193	83	114.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	13	27	19	36.75	cps
Silicon	28-1	29263884	29458517	28654139	29125513	1.44	cps
Silver	107-1	17608	17024	17097	17243	1.84	cps
Silver	109-1	16503	16343	16236	16361	0.82	cps
Sodium	23-2	35956376	35387964	35509208	35617849	0.84	cps
Strontium	86-1	243870	247568	248841	246760	1.05	cps
Strontium	88-1	2266231	2305998	2326190	2299473	1.33	cps
Sulfur	34-1	1415631	1426798	1412941	1418457	0.52	cps
Terbium	159-1	24047459	24548730	23760204	24118798	1.65	cps
Terbium	159-2	7338057	7245902	7173419	7252459	1.14	cps
Thallium	203-1	770	707	753	743	4.42	cps
Thallium	205-1	1890	1860	1773	1841	3.29	cps
Tin	118-1	15496	15262	15622	15460	1.18	cps
Titanium	47-1	10114	10114	9667	9965	2.59	cps
Uranium	238-1	7679	7779	7736	7731	0.65	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LX5	Instrumnet Name :	P8
Client Sample ID :	433L	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 17:58:59	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2614	2557	2657	2609	1.92	cps
Ytterbium	172-1	497	450	527	491	7.87	cps
Ytterbium	172-2	247	137	180	188	29.51	cps
Ytterbium	176-1	2480	2660	2314	2485	6.98	cps
Ytterbium	176-2	343	330	333	336	2.07	cps
Yttrium	89-1	31624320	31452930	31464211	31513820	0.30	cps
Yttrium	89-2	2191028	2221307	2188681	2200339	0.83	cps
Zinc	66-2	24815	24318	24298	24477	1.20	cps
Zirconium	90-1	10952	10601	10417	10657	2.55	cps
Zirconium	91-1	2220	2397	2314	2310	3.83	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726395	717052	716188	719878	0.79	cps
Antimony	121-1	9875426	9787925	9772820	9812057	0.56	cps
Arsenic	75-2	3987	3931	3754	3891	3.13	cps
Barium	135-1	11993821	11878049	12024745	11965538	0.65	cps
Barium	137-1	20531808	20765760	20766968	20688179	0.65	cps
Beryllium	9-1	2954438	2980035	2938437	2957637	0.71	cps
Bismuth	209-1	14295339	14143164	14147288	14195264	0.61	cps
Bismuth	209-2	5168050	5167163	5184883	5173365	0.19	cps
Bromine	81-1	114697	117281	118518	116832	1.67	cps
Cadmium	108-1	172207	174408	172569	173061	0.68	cps
Cadmium	106-1	262666	263182	262144	262664	0.20	cps
Cadmium	111-1	2308858	2306305	2309896	2308353	0.08	cps
Calcium	43-1	7719577	7752458	7719618	7730551	0.25	cps
Calcium	44-1	125918115	126759745	123806935	125494931	1.21	cps
Carbon	12-1	51569404	56983374	59228024	55926934	7.04	cps
Carbon	12-2	419909	423954	433190	425684	1.60	cps
Chlorine	35-1	104648172	113886502	116968888	111834521	5.73	cps
Chlorine	35-2	509279	509447	516674	511800	0.82	cps
Chromium	52-2	2092578	2106627	2104762	2101322	0.36	cps
Cobalt	59-2	3894568	3732456	3793343	3806789	2.15	cps
Copper	63-2	28281800	28453645	28058732	28264726	0.70	cps
Dysprosium	156-1	3450	3434	3624	3503	3.00	cps
Dysprosium	156-2	1090	1173	1120	1128	3.74	cps
Erbium	164-1	3350	3577	3607	3512	4.00	cps
Erbium	164-2	1080	1000	930	1003	7.48	cps
Gadolinium	160-1	3734	3481	3460	3558	4.28	cps
Gadolinium	160-2	1270	1360	1203	1278	6.15	cps
Holmium	165-1	24201229	24025980	23632101	23953103	1.22	cps
Holmium	165-2	7556661	7529988	7456120	7514257	0.69	cps
Indium	115-1	17994214	18257310	18212477	18154667	0.78	cps
Indium	115-2	1640363	1667117	1660987	1656156	0.85	cps
Iron	54-2	7312547	7197921	7119555	7210008	1.35	cps
Iron	56-2	131878238	129842618	129187281	130302713	1.08	cps
Iron	57-2	3333335	3312430	3317950	3321238	0.33	cps
Krypton	83-1	380	417	350	382	8.74	cps
Lead	206-1	38473779	38466067	37814407	38251417	0.99	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	32987704	32864928	31990671	32614434	1.67	cps
Lead	208-1	150719934	150901269	148834442	150151882	0.76	cps
Lithium	6-1	7997609	7849558	7975176	7940781	1.00	cps
Magnesium	24-2	16191078	16167106	16138788	16165657	0.16	cps
Manganese	55-2	19394904	19289337	19454134	19379458	0.43	cps
Molybdenum	94-1	15850704	15614187	15426778	15630556	1.36	cps
Molybdenum	95-1	17568331	17353659	17174697	17365562	1.13	cps
Molybdenum	96-1	19923416	19837287	19698305	19819669	0.57	cps
Molybdenum	97-1	10726247	10963039	10782576	10823954	1.14	cps
Molybdenum	98-1	28204870	28126145	28108362	28146459	0.18	cps
Neodymium	150-1	4584	4648	4654	4629	0.84	cps
Neodymium	150-2	927	837	807	857	7.29	cps
Nickel	60-2	1008056	1008119	1009305	1008494	0.07	cps
Phosphorus	31-2	6248	5675	6038	5987	4.85	cps
Potassium	39-2	5009558	5107653	4982829	5033347	1.31	cps
Rhodium	103-1	16365424	16472949	16332109	16390160	0.45	cps
Rhodium	103-2	6019057	5937827	6004775	5987220	0.72	cps
Scandium	45-1	12600531	12571466	12545474	12572491	0.22	cps
Scandium	45-2	240420	237155	237189	238255	0.79	cps
Selenium	82-1	139887	138570	139000	139152	0.48	cps
Selenium	77-2	2414	2487	2420	2440	1.66	cps
Selenium	78-2	7962	7999	8086	8016	0.79	cps
Silicon	28-1	128277391	129153251	127271271	128233971	0.73	cps
Silver	107-1	2106958	2067699	2064888	2079848	1.13	cps
Silver	109-1	1992927	1978935	1944585	1972149	1.26	cps
Sodium	23-2	188717611	185946931	184613431	186425991	1.12	cps
Strontium	86-1	4788534	4836331	4788351	4804405	0.58	cps
Strontium	88-1	41582588	42227847	41453121	41754519	0.99	cps
Sulfur	34-1	3325316	3281432	3279498	3295415	0.79	cps
Terbium	159-1	24607444	24448440	24358956	24471614	0.51	cps
Terbium	159-2	7322072	7326469	7093253	7247265	1.84	cps
Thallium	203-1	8935578	9132894	9002543	9023672	1.11	cps
Thallium	205-1	21285931	21731796	21953356	21657027	1.57	cps
Tin	118-1	6945034	7020353	6893070	6952819	0.92	cps
Titanium	47-1	50449	49738	49702	49963	0.84	cps
Uranium	238-1	29270963	29499984	29198553	29323167	0.54	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MS	Instrumnet Name :	P8
Client Sample ID :	433MS	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:02:14	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1619942	1607850	1596539	1608110	0.73	cps
Ytterbium	172-1	2294	2457	2290	2347	4.06	cps
Ytterbium	172-2	890	847	743	827	9.12	cps
Ytterbium	176-1	47529	46823	46257	46870	1.36	cps
Ytterbium	176-2	14194	14241	14295	14243	0.35	cps
Yttrium	89-1	31941684	32063673	31863348	31956235	0.32	cps
Yttrium	89-2	2196521	2165568	2154389	2172159	1.00	cps
Zinc	66-2	3246556	3242641	3166660	3218619	1.40	cps
Zirconium	90-1	16450222	16334213	16171150	16318528	0.86	cps
Zirconium	91-1	3650662	3643940	3591704	3628768	0.89	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717487	714437	718466	716797	0.29	cps
Antimony	121-1	9615695	9675937	9765659	9685764	0.78	cps
Arsenic	75-2	3917	3964	3954	3945	0.62	cps
Barium	135-1	11993301	11842231	11812509	11882680	0.82	cps
Barium	137-1	20883668	20846189	20581064	20770307	0.79	cps
Beryllium	9-1	2973653	2930976	2915428	2940019	1.03	cps
Bismuth	209-1	14059670	13667585	13931437	13886231	1.44	cps
Bismuth	209-2	5184667	5179581	5111715	5158654	0.79	cps
Bromine	81-1	114029	116916	117309	116085	1.54	cps
Cadmium	108-1	169688	170750	172023	170820	0.68	cps
Cadmium	106-1	258882	258550	262315	259916	0.80	cps
Cadmium	111-1	2271595	2291215	2304814	2289208	0.73	cps
Calcium	43-1	7590034	7733126	7659527	7660896	0.93	cps
Calcium	44-1	124695051	124550331	123461571	124235651	0.54	cps
Carbon	12-1	52138438	57065202	59706371	56303337	6.82	cps
Carbon	12-2	422591	425715	432657	426988	1.21	cps
Chlorine	35-1	114685325	119341365	122856932	118961207	3.45	cps
Chlorine	35-2	530024	528996	536702	531907	0.79	cps
Chromium	52-2	2097815	2094973	2102447	2098412	0.18	cps
Cobalt	59-2	3784572	3744564	3863810	3797649	1.60	cps
Copper	63-2	26513977	26513490	26092061	26373176	0.92	cps
Dysprosium	156-1	3447	3564	3624	3545	2.53	cps
Dysprosium	156-2	1070	1090	1063	1074	1.29	cps
Erbium	164-1	3507	3347	3430	3428	2.33	cps
Erbium	164-2	970	1077	987	1011	5.68	cps
Gadolinium	160-1	3337	3277	3447	3354	2.57	cps
Gadolinium	160-2	1250	1353	1287	1297	4.04	cps
Holmium	165-1	23977310	22809410	23484272	23423664	2.50	cps
Holmium	165-2	7517963	7533719	7369765	7473816	1.21	cps
Indium	115-1	18272939	17254509	17496702	17674717	3.01	cps
Indium	115-2	1656087	1672487	1649439	1659337	0.71	cps
Iron	54-2	7328806	7268173	7267429	7288136	0.48	cps
Iron	56-2	131312585	129183895	132023778	130840086	1.13	cps
Iron	57-2	3351036	3306685	3365697	3341139	0.92	cps
Krypton	83-1	350	453	333	379	17.16	cps
Lead	206-1	35876206	36264412	35482675	35874431	1.09	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30876772	30633977	30848255	30786335	0.43	cps
Lead	208-1	142386657	141100565	141696590	141727937	0.45	cps
Lithium	6-1	7885678	7755365	7654337	7765127	1.49	cps
Magnesium	24-2	16475343	16351620	16315922	16380962	0.51	cps
Manganese	55-2	19235795	18852312	19122834	19070313	1.03	cps
Molybdenum	94-1	15712760	15758795	15429819	15633791	1.14	cps
Molybdenum	95-1	17166878	17203422	17187963	17186088	0.11	cps
Molybdenum	96-1	19533563	19517887	19393875	19481775	0.39	cps
Molybdenum	97-1	10672160	10674777	10630734	10659223	0.23	cps
Molybdenum	98-1	28196094	28047139	27989590	28077608	0.38	cps
Neodymium	150-1	4451	4454	4591	4499	1.78	cps
Neodymium	150-2	833	870	893	866	3.49	cps
Nickel	60-2	995361	998095	1000547	998001	0.26	cps
Phosphorus	31-2	6005	6055	5574	5878	4.49	cps
Potassium	39-2	5012569	5043966	5045522	5034019	0.37	cps
Rhodium	103-1	16191721	15448818	15658653	15766397	2.43	cps
Rhodium	103-2	5977961	5956905	5923824	5952897	0.46	cps
Scandium	45-1	12383317	11880761	11922795	12062291	2.31	cps
Scandium	45-2	235384	234155	234510	234683	0.27	cps
Selenium	82-1	139388	136720	137941	138016	0.97	cps
Selenium	77-2	2540	2350	2357	2416	4.46	cps
Selenium	78-2	7816	7872	7976	7888	1.03	cps
Silicon	28-1	124923085	127129268	127201211	126417855	1.02	cps
Silver	107-1	2051778	2042616	2061642	2052012	0.46	cps
Silver	109-1	1911283	1947906	1959860	1939683	1.30	cps
Sodium	23-2	183328977	184106997	186928824	184788266	1.03	cps
Strontium	86-1	4730955	4781625	4746632	4753071	0.55	cps
Strontium	88-1	41464892	41534278	41267727	41422299	0.33	cps
Sulfur	34-1	3200595	3192052	3171863	3188170	0.46	cps
Terbium	159-1	24444995	23315669	23641055	23800573	2.44	cps
Terbium	159-2	7219095	7239187	7117213	7191832	0.91	cps
Thallium	203-1	8943846	9101132	9221339	9088773	1.53	cps
Thallium	205-1	21277080	21717866	21397908	21464285	1.06	cps
Tin	118-1	6829376	6853973	6817450	6833600	0.27	cps
Titanium	47-1	47655	48334	48516	48169	0.94	cps
Uranium	238-1	29403091	29320673	29527830	29417198	0.35	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSD	Instrumnet Name :	P8
Client Sample ID :	433MSD	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:05:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1637555	1615678	1623374	1625536	0.68	cps
Ytterbium	172-1	2174	2304	2260	2246	2.95	cps
Ytterbium	172-2	847	820	797	821	3.05	cps
Ytterbium	176-1	46221	46823	46686	46576	0.68	cps
Ytterbium	176-2	14088	14238	14605	14310	1.86	cps
Yttrium	89-1	32019575	30776415	30734950	31176980	2.34	cps
Yttrium	89-2	2182022	2198668	2176745	2185812	0.52	cps
Zinc	66-2	2985446	3002833	2999383	2995887	0.31	cps
Zirconium	90-1	16279408	16235764	16192249	16235807	0.27	cps
Zirconium	91-1	3661923	3631289	3658110	3650441	0.46	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	718606	719802	715174	717861	0.33	cps
Antimony	121-1	9666430	9785722	9607130	9686427	0.94	cps
Arsenic	75-2	3987	3841	3904	3911	1.88	cps
Barium	135-1	12123594	12051134	11931633	12035453	0.81	cps
Barium	137-1	20483441	20646573	20572840	20567618	0.40	cps
Beryllium	9-1	2911518	2972156	2941442	2941705	1.03	cps
Bismuth	209-1	14358253	14020209	14002991	14127151	1.42	cps
Bismuth	209-2	5163142	5095946	5181414	5146834	0.87	cps
Bromine	81-1	113800	117197	117436	116144	1.75	cps
Cadmium	108-1	168774	169803	171900	170159	0.94	cps
Cadmium	106-1	260725	259375	257980	259360	0.53	cps
Cadmium	111-1	2280113	2284234	2280664	2281671	0.10	cps
Calcium	43-1	7512105	7669207	7584028	7588446	1.04	cps
Calcium	44-1	121518068	123799631	121397868	122238523	1.11	cps
Carbon	12-1	50680511	56085564	58649949	55138675	7.38	cps
Carbon	12-2	414865	424714	424769	421449	1.35	cps
Chlorine	35-1	118194115	123667908	126346061	122736028	3.39	cps
Chlorine	35-2	542132	540708	546731	543190	0.58	cps
Chromium	52-2	2074280	2109082	2084308	2089224	0.86	cps
Cobalt	59-2	3797621	3840470	3794136	3810742	0.68	cps
Copper	63-2	28850174	28665436	28210630	28575413	1.15	cps
Dysprosium	156-1	3377	3370	3200	3316	3.02	cps
Dysprosium	156-2	1143	1160	1183	1162	1.73	cps
Erbium	164-1	3424	3324	3327	3358	1.69	cps
Erbium	164-2	977	990	1013	993	1.87	cps
Gadolinium	160-1	3494	3350	3424	3423	2.09	cps
Gadolinium	160-2	1283	1283	1233	1267	2.28	cps
Holmium	165-1	23276202	23682001	23620769	23526324	0.93	cps
Holmium	165-2	7470011	7406284	7413377	7429891	0.47	cps
Indium	115-1	17767875	17810218	17763657	17780583	0.14	cps
Indium	115-2	1655409	1645124	1640554	1647029	0.46	cps
Iron	54-2	7147875	7302674	7092187	7180912	1.52	cps
Iron	56-2	128960175	129978575	129883271	129607340	0.43	cps
Iron	57-2	3298543	3377991	3282498	3319677	1.54	cps
Krypton	83-1	397	447	417	420	5.99	cps
Lead	206-1	38200796	38412595	37947811	38187067	0.61	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	32614059	32604740	32658233	32625677	0.09	cps
Lead	208-1	150850892	150970866	151254459	151025406	0.14	cps
Lithium	6-1	7960319	7837632	7591319	7796423	2.41	cps
Magnesium	24-2	16290306	15894362	15889532	16024734	1.44	cps
Manganese	55-2	19447720	19803333	19530205	19593753	0.95	cps
Molybdenum	94-1	15471002	15584278	15651778	15569019	0.59	cps
Molybdenum	95-1	17221646	17263981	17290106	17258578	0.20	cps
Molybdenum	96-1	19555754	19596039	19388825	19513539	0.56	cps
Molybdenum	97-1	10614465	10654510	10628491	10632489	0.19	cps
Molybdenum	98-1	28052334	27910139	28066371	28009615	0.31	cps
Neodymium	150-1	4487	4357	4434	4426	1.48	cps
Neodymium	150-2	830	917	870	872	4.97	cps
Nickel	60-2	1005300	1007759	1000262	1004440	0.38	cps
Phosphorus	31-2	5928	5761	5905	5865	1.54	cps
Potassium	39-2	5017872	5051127	4952196	5007065	1.01	cps
Rhodium	103-1	16063950	15813969	15680081	15852666	1.23	cps
Rhodium	103-2	5974250	5857926	5972167	5934781	1.12	cps
Scandium	45-1	12315837	12349676	12105485	12256999	1.08	cps
Scandium	45-2	236256	236660	234692	235869	0.44	cps
Selenium	82-1	136531	137658	138365	137518	0.67	cps
Selenium	77-2	2484	2424	2310	2406	3.66	cps
Selenium	78-2	7696	8166	7996	7952	2.99	cps
Silicon	28-1	122384542	125416811	125089041	124296798	1.34	cps
Silver	107-1	2064335	2069288	2056524	2063382	0.31	cps
Silver	109-1	1953265	1953400	1933063	1946576	0.60	cps
Sodium	23-2	185028424	182356711	183559731	183648288	0.73	cps
Strontium	86-1	4799495	4767027	4837792	4801438	0.74	cps
Strontium	88-1	41136096	41322829	41536646	41331857	0.48	cps
Sulfur	34-1	3136864	3118961	3153950	3136591	0.56	cps
Terbium	159-1	24063379	23975944	23675309	23904877	0.85	cps
Terbium	159-2	7325867	7267143	7188218	7260410	0.95	cps
Thallium	203-1	8876999	8921016	8943807	8913941	0.38	cps
Thallium	205-1	21359467	21724071	21387694	21490411	0.94	cps
Tin	118-1	6745290	6848809	6769728	6787942	0.80	cps
Titanium	47-1	46636	48405	49072	48038	2.62	cps
Uranium	238-1	29837658	29242035	29378094	29485929	1.06	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03A	Instrumnet Name :	P8
Client Sample ID :	433A	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:07:50	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1635449	1629764	1612555	1625922	0.73	cps
Ytterbium	172-1	2237	2350	2137	2241	4.76	cps
Ytterbium	172-2	793	757	810	787	3.47	cps
Ytterbium	176-1	45077	45468	46776	45773	1.94	cps
Ytterbium	176-2	14108	14268	14601	14326	1.76	cps
Yttrium	89-1	31480974	31231962	31534948	31415961	0.51	cps
Yttrium	89-2	2158201	2178826	2144784	2160604	0.79	cps
Zinc	66-2	3257819	3266185	3226565	3250190	0.64	cps
Zirconium	90-1	16306601	16445591	16216466	16322886	0.71	cps
Zirconium	91-1	3702365	3674914	3611141	3662807	1.28	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3733383	3790373	3815109	3779622	1.11	cps
Antimony	121-1	8855500	8797356	8821701	8824853	0.33	cps
Arsenic	75-2	166269	166056	166544	166290	0.15	cps
Barium	135-1	10702045	10649197	10822389	10724544	0.83	cps
Barium	137-1	18666622	18472014	18459900	18532846	0.63	cps
Beryllium	9-1	2699409	2720817	2629046	2683091	1.79	cps
Bismuth	209-1	12854490	12700830	12990306	12848542	1.13	cps
Bismuth	209-2	4622715	4720897	4691764	4678458	1.08	cps
Bromine	81-1	8536	8529	8112	8393	2.89	cps
Cadmium	108-1	166704	165811	166199	166238	0.27	cps
Cadmium	106-1	239566	238123	238839	238842	0.30	cps
Cadmium	111-1	2163609	2116080	2107800	2129163	1.41	cps
Calcium	43-1	13748369	14036745	13666571	13817228	1.41	cps
Calcium	44-1	223220683	224270870	221477410	222989654	0.63	cps
Carbon	12-1	8862590	8636992	8439014	8646199	2.45	cps
Carbon	12-2	61438	60279	60052	60590	1.23	cps
Chlorine	35-1	6073261	5767216	5478259	5772912	5.15	cps
Chlorine	35-2	21466	20314	19717	20499	4.34	cps
Chromium	52-2	1880542	1940210	1979194	1933315	2.57	cps
Cobalt	59-2	3489868	3546129	3546559	3527519	0.92	cps
Copper	63-2	26166969	26218174	26159653	26181599	0.12	cps
Dysprosium	156-1	453	433	540	476	11.92	cps
Dysprosium	156-2	87	83	163	111	40.73	cps
Erbium	164-1	487	470	513	490	4.46	cps
Erbium	164-2	110	137	127	124	10.83	cps
Gadolinium	160-1	477	470	417	454	7.24	cps
Gadolinium	160-2	180	163	157	167	7.21	cps
Holmium	165-1	21938656	21810901	21742451	21830670	0.46	cps
Holmium	165-2	6951623	7085746	6945546	6994305	1.13	cps
Indium	115-1	16088690	15944494	16139826	16057670	0.63	cps
Indium	115-2	1423797	1466589	1443238	1444541	1.48	cps
Iron	54-2	19288755	19271513	19505296	19355188	0.67	cps
Iron	56-2	352018701	353883155	352056968	352652941	0.30	cps
Iron	57-2	8820649	8758645	8947554	8842283	1.09	cps
Krypton	83-1	303	357	370	343	10.28	cps
Lead	206-1	35883209	35555345	35332371	35590309	0.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30035840	29933504	30341503	30103616	0.71	cps
Lead	208-1	139841322	138577101	140202558	139540327	0.61	cps
Lithium	6-1	7213106	6986523	7057377	7085669	1.64	cps
Magnesium	24-2	66140052	66653882	66593032	66462322	0.42	cps
Manganese	55-2	7785787	7778266	7867529	7810527	0.63	cps
Molybdenum	94-1	30978320	30449368	30859072	30762253	0.90	cps
Molybdenum	95-1	44851819	44779661	44748286	44793255	0.12	cps
Molybdenum	96-1	49139984	48621183	49244441	49001869	0.68	cps
Molybdenum	97-1	27735202	27309920	27486076	27510400	0.78	cps
Molybdenum	98-1	73022819	71687781	72019267	72243289	0.96	cps
Neodymium	150-1	713	783	787	761	5.44	cps
Neodymium	150-2	50	40	50	47	12.37	cps
Nickel	60-2	1067623	1068923	1064204	1066916	0.23	cps
Phosphorus	31-2	34401	34528	33803	34244	1.13	cps
Potassium	39-2	18634289	18435648	18784055	18617997	0.94	cps
Rhodium	103-1	14653900	14315842	14487321	14485688	1.17	cps
Rhodium	103-2	5423192	5431295	5435531	5430006	0.12	cps
Scandium	45-1	11079323	11001249	11019508	11033360	0.37	cps
Scandium	45-2	213592	219606	219063	217420	1.53	cps
Selenium	82-1	122222	122701	121497	122140	0.50	cps
Selenium	77-2	2057	2090	2114	2087	1.37	cps
Selenium	78-2	7329	6962	7062	7117	2.66	cps
Silicon	28-1	7949303	8077935	8037072	8021437	0.82	cps
Silver	107-1	10649928	10551337	10501017	10567427	0.72	cps
Silver	109-1	10037877	10179542	10072638	10096686	0.73	cps
Sodium	23-2	133089878	133620898	132182238	132964338	0.55	cps
Strontium	86-1	2846445	2861392	2845266	2851034	0.32	cps
Strontium	88-1	24601050	24844488	24654048	24699862	0.52	cps
Sulfur	34-1	1510689	1517505	1473704	1500633	1.57	cps
Terbium	159-1	22186686	22113885	22265545	22188705	0.34	cps
Terbium	159-2	6672697	6827572	6708318	6736195	1.20	cps
Thallium	203-1	8713282	8750889	8662150	8708774	0.51	cps
Thallium	205-1	21049761	20651754	20848258	20849924	0.95	cps
Tin	118-1	7036538	7029546	7005463	7023849	0.23	cps
Titanium	47-1	13228835	12975880	13031664	13078793	1.02	cps
Uranium	238-1	28004100	28074648	28209015	28095921	0.37	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:11:11	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1511872	1533556	1515824	1520417	0.76	cps
Ytterbium	172-1	543	517	580	547	5.82	cps
Ytterbium	172-2	267	220	217	234	11.92	cps
Ytterbium	176-1	43956	43762	42899	43539	1.29	cps
Ytterbium	176-2	13287	13724	13864	13625	2.21	cps
Yttrium	89-1	28930150	28432942	28705243	28689445	0.87	cps
Yttrium	89-2	1992690	2049783	2020527	2021000	1.41	cps
Zinc	66-2	2920833	2884783	2860945	2888854	1.04	cps
Zirconium	90-1	15694906	15454413	15818169	15655829	1.18	cps
Zirconium	91-1	3443218	3525071	3492934	3487074	1.18	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	130	173	149	14.91	cps
Antimony	121-1	2814	2647	2664	2708	3.39	cps
Arsenic	75-2	10	20	7	12	56.76	cps
Barium	135-1	660	657	573	630	7.79	cps
Barium	137-1	1287	1077	993	1119	13.51	cps
Beryllium	9-1	2140	2096	1980	2072	3.99	cps
Bismuth	209-1	14962298	14706576	14978228	14882367	1.02	cps
Bismuth	209-2	5497112	5455698	5515976	5489595	0.56	cps
Bromine	81-1	6652	6375	6208	6412	3.49	cps
Cadmium	108-1	47	53	60	53	12.50	cps
Cadmium	106-1	8006	8092	8263	8120	1.61	cps
Cadmium	111-1	5825	5824	5928	5859	1.03	cps
Calcium	43-1	983	963	857	934	7.29	cps
Calcium	44-1	37148	35968	35266	36128	2.63	cps
Carbon	12-1	6102605	5970413	5990963	6021327	1.18	cps
Carbon	12-2	39316	38751	38534	38867	1.04	cps
Chlorine	35-1	3492612	3261925	3136305	3296947	5.48	cps
Chlorine	35-2	11671	11368	11138	11392	2.35	cps
Chromium	52-2	1007	900	927	944	5.88	cps
Cobalt	59-2	280	197	180	219	24.48	cps
Copper	63-2	4881	4477	4557	4639	4.61	cps
Dysprosium	156-1	20	17	10	16	32.73	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	120	113	140	124	11.15	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	120	133	113	122	8.33	cps
Gadolinium	160-2	17	30	23	23	28.56	cps
Holmium	165-1	23119870	23022787	23114085	23085581	0.24	cps
Holmium	165-2	7593087	7368158	7319744	7426997	1.96	cps
Indium	115-1	18276120	18122429	18260071	18219540	0.46	cps
Indium	115-2	1752599	1729082	1728934	1736872	0.78	cps
Iron	54-2	987	843	777	869	12.35	cps
Iron	56-2	15599	11925	13066	13530	13.90	cps
Iron	57-2	427	267	297	330	25.77	cps
Krypton	83-1	310	303	340	318	6.15	cps
Lead	206-1	7122	6568	5931	6541	9.11	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6031	5518	5278	5609	6.86	cps
Lead	208-1	27542	25373	23802	25572	7.34	cps
Lithium	6-1	8025518	8058498	7855985	7980000	1.36	cps
Magnesium	24-2	2854	2344	2640	2612	9.81	cps
Manganese	55-2	917	643	737	766	18.15	cps
Molybdenum	94-1	1873	1673	1753	1767	5.70	cps
Molybdenum	95-1	2304	1847	1643	1931	17.50	cps
Molybdenum	96-1	2607	2030	2020	2219	15.14	cps
Molybdenum	97-1	1350	1100	1077	1176	12.89	cps
Molybdenum	98-1	3714	3150	2730	3198	15.43	cps
Neodymium	150-1	20	20	3	14	66.64	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1000	900	1000	967	5.97	cps
Phosphorus	31-2	70	103	70	81	23.72	cps
Potassium	39-2	22060	22097	21035	21731	2.77	cps
Rhodium	103-1	17006329	16955252	16905426	16955669	0.30	cps
Rhodium	103-2	6524818	6372351	6418629	6438599	1.21	cps
Scandium	45-1	12100461	12012056	12022386	12044968	0.40	cps
Scandium	45-2	233508	232439	235092	233679	0.57	cps
Selenium	82-1	-30	93	20	28	223.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	17	17	16	12.40	cps
Silicon	28-1	971396	896750	939756	935967	4.00	cps
Silver	107-1	1930	1757	1370	1686	17.01	cps
Silver	109-1	1793	1473	1317	1528	15.90	cps
Sodium	23-2	151321	147591	146355	148422	1.74	cps
Strontium	86-1	563	630	460	551	15.54	cps
Strontium	88-1	1710	1547	1377	1545	10.79	cps
Sulfur	34-1	761115	755198	765128	760480	0.66	cps
Terbium	159-1	23857830	23154888	23357664	23456794	1.54	cps
Terbium	159-2	7187762	7108965	7211978	7169568	0.75	cps
Thallium	203-1	2710	2224	2190	2375	12.26	cps
Thallium	205-1	6332	5318	5251	5634	10.75	cps
Tin	118-1	2554	2397	2354	2435	4.32	cps
Titanium	47-1	657	583	597	612	6.38	cps
Uranium	238-1	1243	910	900	1018	19.20	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:13:57	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	30	40	44	38.48	cps
Ytterbium	172-1	113	130	123	122	6.86	cps
Ytterbium	172-2	57	40	57	51	18.83	cps
Ytterbium	176-1	1970	2144	1860	1991	7.17	cps
Ytterbium	176-2	243	357	270	290	20.43	cps
Yttrium	89-1	31500196	30950535	30829174	31093301	1.15	cps
Yttrium	89-2	2170726	2171334	2197303	2179788	0.70	cps
Zinc	66-2	607	593	537	579	6.42	cps
Zirconium	90-1	1780	1840	1897	1839	3.17	cps
Zirconium	91-1	350	360	417	376	9.57	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2570	2540	2507	2539	1.25	cps
Antimony	121-1	6715	6765	6442	6641	2.62	cps
Arsenic	75-2	1573	1777	1770	1707	6.77	cps
Barium	135-1	1419609	1411528	1387551	1406229	1.19	cps
Barium	137-1	2658005	2607097	2556722	2607275	1.94	cps
Beryllium	9-1	1391	1385	1311	1362	3.27	cps
Bismuth	209-1	13711229	13496042	13438561	13548611	1.06	cps
Bismuth	209-2	5269682	5006712	4939260	5071885	3.44	cps
Bromine	81-1	458565	486444	502923	482644	4.65	cps
Cadmium	108-1	113	100	113	109	7.07	cps
Cadmium	106-1	8206	8323	8246	8258	0.72	cps
Cadmium	111-1	5941	6072	5963	5992	1.17	cps
Calcium	43-1	6802695	6641877	6450399	6631657	2.66	cps
Calcium	44-1	108140845	106482472	104781698	106468338	1.58	cps
Carbon	12-1	55690206	62923311	65023559	61212359	8.00	cps
Carbon	12-2	456749	462611	466197	461852	1.03	cps
Chlorine	35-1	174988724	188202044	191533017	184907928	4.73	cps
Chlorine	35-2	847475	847049	856344	850289	0.62	cps
Chromium	52-2	77874	78202	79767	78614	1.29	cps
Cobalt	59-2	4858	4878	4948	4894	0.97	cps
Copper	63-2	588737	587700	592030	589489	0.38	cps
Dysprosium	156-1	307	320	243	290	14.12	cps
Dysprosium	156-2	80	97	90	89	9.44	cps
Erbium	164-1	433	503	500	479	8.25	cps
Erbium	164-2	143	107	183	144	26.55	cps
Gadolinium	160-1	387	397	350	378	6.50	cps
Gadolinium	160-2	103	93	143	113	23.35	cps
Holmium	165-1	23847334	23541997	22897182	23428838	2.07	cps
Holmium	165-2	7907973	7525721	7335889	7589861	3.84	cps
Indium	115-1	17896496	17455075	16953331	17434967	2.71	cps
Indium	115-2	1729438	1636143	1640160	1668581	3.16	cps
Iron	54-2	13981287	14268429	14266226	14171980	1.17	cps
Iron	56-2	257928696	256203523	260998643	258376954	0.94	cps
Iron	57-2	6483231	6560957	6447908	6497365	0.89	cps
Krypton	83-1	507	457	480	481	5.20	cps
Lead	206-1	98188	96536	92883	95869	2.83	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	85500	81578	81424	82834	2.79	cps
Lead	208-1	388380	379406	371502	379763	2.22	cps
Lithium	6-1	7704282	7617184	7398718	7573394	2.08	cps
Magnesium	24-2	12349743	12438521	12471962	12420075	0.51	cps
Manganese	55-2	2848437	2863730	2926325	2879498	1.43	cps
Molybdenum	94-1	16446	15956	15702	16035	2.36	cps
Molybdenum	95-1	20031	20488	19554	20025	2.33	cps
Molybdenum	96-1	23150	22492	21844	22495	2.90	cps
Molybdenum	97-1	12749	12406	12452	12536	1.49	cps
Molybdenum	98-1	31957	31827	31659	31814	0.47	cps
Neodymium	150-1	287	263	257	269	5.86	cps
Neodymium	150-2	47	63	77	62	24.16	cps
Nickel	60-2	7292	7319	7759	7456	3.52	cps
Phosphorus	31-2	703	690	667	687	2.70	cps
Potassium	39-2	1343423	1303275	1336346	1327681	1.61	cps
Rhodium	103-1	15790612	15407612	15203061	15467095	1.93	cps
Rhodium	103-2	6045451	5752069	5739782	5845768	2.96	cps
Scandium	45-1	12448648	12035284	11631239	12038390	3.40	cps
Scandium	45-2	249852	231981	228101	236645	4.90	cps
Selenium	82-1	-30	93	50	38	165.61	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	13	30	30	24	39.37	cps
Silicon	28-1	54706789	53911268	53284201	53967419	1.32	cps
Silver	107-1	3147	2447	2227	2607	18.43	cps
Silver	109-1	2857	2147	1880	2295	22.00	cps
Sodium	23-2	639687990	639589430	634805524	638027648	0.44	cps
Strontium	86-1	4079850	4021640	4046252	4049247	0.72	cps
Strontium	88-1	36085079	35366211	34296363	35249218	2.55	cps
Sulfur	34-1	789250	785028	787058	787112	0.27	cps
Terbium	159-1	24322456	23812915	23580747	23905373	1.59	cps
Terbium	159-2	7621950	7134714	7095680	7284115	4.03	cps
Thallium	203-1	4794	3631	3447	3957	18.46	cps
Thallium	205-1	11005	8436	8113	9185	17.25	cps
Tin	118-1	34570	34343	33889	34267	1.01	cps
Titanium	47-1	6535	6772	6805	6704	2.20	cps
Uranium	238-1	627	467	500	531	15.89	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01	Instrumnet Name :	P8
Client Sample ID :	11725	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:17:16	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8312	7962	8026	8100	2.30	cps
Ytterbium	172-1	450	427	387	421	7.61	cps
Ytterbium	172-2	153	163	130	149	11.49	cps
Ytterbium	176-1	2324	2137	2384	2281	5.64	cps
Ytterbium	176-2	320	430	337	362	16.37	cps
Yttrium	89-1	31499655	30827003	30470580	30932412	1.69	cps
Yttrium	89-2	2315190	2144218	2115886	2191765	4.92	cps
Zinc	66-2	136406	136436	137062	136634	0.27	cps
Zirconium	90-1	12646	12035	12002	12228	2.96	cps
Zirconium	91-1	2740	2720	2447	2636	6.22	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16333	16927	17564	16941	3.64	cps
Antimony	121-1	30213	30354	30387	30318	0.30	cps
Arsenic	75-2	2117	2150	2167	2145	1.19	cps
Barium	135-1	877668	879829	872155	876551	0.45	cps
Barium	137-1	1641728	1585900	1625090	1617572	1.77	cps
Beryllium	9-1	1544	1487	1464	1498	2.74	cps
Bismuth	209-1	14532629	14127431	14513847	14391302	1.59	cps
Bismuth	209-2	5419784	5328560	5344940	5364428	0.91	cps
Bromine	81-1	86642	86397	83704	85581	1.90	cps
Cadmium	108-1	2527	2527	2444	2499	1.93	cps
Cadmium	106-1	10711	10878	11081	10890	1.70	cps
Cadmium	111-1	7019	7222	7470	7237	3.12	cps
Calcium	43-1	2662841	2596938	2614790	2624856	1.30	cps
Calcium	44-1	41950992	41190060	41671420	41604157	0.93	cps
Carbon	12-1	30109486	32711632	33419369	32080162	5.43	cps
Carbon	12-2	232023	236907	237071	235334	1.22	cps
Chlorine	35-1	28132571	28485295	28126519	28248128	0.73	cps
Chlorine	35-2	117505	117876	117152	117511	0.31	cps
Chromium	52-2	53443	54968	54533	54315	1.45	cps
Cobalt	59-2	26334	26251	26124	26236	0.40	cps
Copper	63-2	187382	187882	186872	187379	0.27	cps
Dysprosium	156-1	1753	1667	1757	1726	2.96	cps
Dysprosium	156-2	547	497	607	550	10.01	cps
Erbium	164-1	2080	1567	1793	1813	14.19	cps
Erbium	164-2	517	533	590	547	7.03	cps
Gadolinium	160-1	1917	2057	1787	1920	7.03	cps
Gadolinium	160-2	653	660	720	678	5.42	cps
Holmium	165-1	23908841	23788084	23618859	23771928	0.61	cps
Holmium	165-2	7640947	7575946	7604909	7607267	0.43	cps
Indium	115-1	18714523	18210558	18286727	18403936	1.48	cps
Indium	115-2	1762659	1746680	1759589	1756309	0.48	cps
Iron	54-2	1983709	1968835	1992305	1981617	0.60	cps
Iron	56-2	35543935	35866564	36236507	35882336	0.97	cps
Iron	57-2	854500	854597	858069	855722	0.24	cps
Krypton	83-1	297	307	347	317	8.36	cps
Lead	206-1	279742	277860	280747	279450	0.52	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	235870	233709	233262	234280	0.60	cps
Lead	208-1	1088677	1083917	1088132	1086908	0.24	cps
Lithium	6-1	7842161	8038820	7974456	7951812	1.26	cps
Magnesium	24-2	1480047	1504510	1460309	1481622	1.49	cps
Manganese	55-2	6317908	6386285	6370454	6358216	0.56	cps
Molybdenum	94-1	83820	82959	83029	83269	0.57	cps
Molybdenum	95-1	130782	132501	130826	131370	0.75	cps
Molybdenum	96-1	141438	141199	140101	140913	0.51	cps
Molybdenum	97-1	82889	82409	81993	82430	0.54	cps
Molybdenum	98-1	211175	211464	213344	211994	0.56	cps
Neodymium	150-1	2224	2244	2034	2167	5.35	cps
Neodymium	150-2	457	513	463	478	6.48	cps
Nickel	60-2	28559	28235	28776	28523	0.95	cps
Phosphorus	31-2	3354	3357	3017	3243	6.03	cps
Potassium	39-2	791984	797522	790897	793468	0.45	cps
Rhodium	103-1	16602770	16727586	16704854	16678404	0.40	cps
Rhodium	103-2	6406849	6152796	6216804	6258816	2.11	cps
Scandium	45-1	12249706	12128573	12170424	12182901	0.50	cps
Scandium	45-2	238368	236821	237804	237664	0.33	cps
Selenium	82-1	170	93	133	132	29.00	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	23	20	10	18	39.03	cps
Silicon	28-1	67350194	68295377	67809211	67818261	0.70	cps
Silver	107-1	39794	40844	40476	40371	1.32	cps
Silver	109-1	38504	38617	38962	38694	0.62	cps
Sodium	23-2	86517825	87314189	86693379	86841798	0.48	cps
Strontium	86-1	606038	607716	604218	605991	0.29	cps
Strontium	88-1	5692120	5560938	5572953	5608670	1.29	cps
Sulfur	34-1	2186546	2164837	2149468	2166950	0.86	cps
Terbium	159-1	24306445	24124231	24007640	24146105	0.62	cps
Terbium	159-2	7444757	7184733	7235847	7288446	1.89	cps
Thallium	203-1	1390	1147	1093	1210	13.07	cps
Thallium	205-1	3050	2737	2510	2766	9.81	cps
Tin	118-1	34804	34474	34046	34441	1.10	cps
Titanium	47-1	23847	25780	24371	24666	4.05	cps
Uranium	238-1	19221	19035	19131	19129	0.49	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DLX2	Instrumnet Name :	P8
Client Sample ID :	433DL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:20:30	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6548	6735	6795	6693	1.92	cps
Ytterbium	172-1	1063	1087	1027	1059	2.86	cps
Ytterbium	172-2	380	400	373	384	3.61	cps
Ytterbium	176-1	2974	2840	2820	2878	2.90	cps
Ytterbium	176-2	510	487	583	527	9.58	cps
Yttrium	89-1	31799648	31271649	31521365	31530887	0.84	cps
Yttrium	89-2	2262973	2224770	2205209	2230984	1.32	cps
Zinc	66-2	60471	60622	61356	60816	0.78	cps
Zirconium	90-1	25520	25554	25390	25488	0.34	cps
Zirconium	91-1	5571	5558	5728	5619	1.68	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15979	16406	16653	16346	2.09	cps
Antimony	121-1	30160	30410	29963	30178	0.74	cps
Arsenic	75-2	2184	2137	2194	2171	1.39	cps
Barium	135-1	890681	885707	882999	886462	0.44	cps
Barium	137-1	1630103	1620109	1583743	1611318	1.51	cps
Beryllium	9-1	1334	1350	1287	1324	2.45	cps
Bismuth	209-1	14486426	14134428	14496746	14372533	1.44	cps
Bismuth	209-2	5342141	5258032	5375177	5325117	1.13	cps
Bromine	81-1	69290	71936	72452	71226	2.38	cps
Cadmium	108-1	2497	2447	2477	2474	1.02	cps
Cadmium	106-1	10898	11021	11098	11006	0.92	cps
Cadmium	111-1	7184	7305	7395	7295	1.45	cps
Calcium	43-1	2646847	2634695	2555676	2612406	1.89	cps
Calcium	44-1	42580384	41620520	41245972	41815625	1.65	cps
Carbon	12-1	28982740	31170477	32482185	30878467	5.73	cps
Carbon	12-2	228393	227723	230861	228992	0.72	cps
Chlorine	35-1	22565111	23829824	24223143	23539359	3.68	cps
Chlorine	35-2	104564	105367	105125	105019	0.39	cps
Chromium	52-2	53841	54607	54543	54330	0.78	cps
Cobalt	59-2	26872	26695	26491	26686	0.71	cps
Copper	63-2	258462	256721	256952	257378	0.37	cps
Dysprosium	156-1	1690	1830	1670	1730	5.04	cps
Dysprosium	156-2	603	607	647	619	3.90	cps
Erbium	164-1	1687	1777	1747	1737	2.64	cps
Erbium	164-2	587	540	547	558	4.53	cps
Gadolinium	160-1	1837	1850	1987	1891	4.39	cps
Gadolinium	160-2	623	623	677	641	4.80	cps
Holmium	165-1	23592576	23154014	23642423	23463004	1.15	cps
Holmium	165-2	7546446	7432717	7617913	7532359	1.24	cps
Indium	115-1	18466238	18118253	18154121	18246204	1.05	cps
Indium	115-2	1723547	1716373	1729146	1723022	0.37	cps
Iron	54-2	1995646	2006033	1979437	1993705	0.67	cps
Iron	56-2	36351379	35950064	35556554	35952666	1.11	cps
Iron	57-2	866529	864624	853688	861614	0.80	cps
Krypton	83-1	373	283	350	336	13.92	cps
Lead	206-1	286421	285810	280993	284408	1.05	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	239364	241932	238723	240007	0.71	cps
Lead	208-1	1105990	1111653	1098684	1105442	0.59	cps
Lithium	6-1	7864018	7746788	7826479	7812428	0.77	cps
Magnesium	24-2	1462690	1480434	1466843	1469989	0.63	cps
Manganese	55-2	6445057	6348479	6335302	6376279	0.94	cps
Molybdenum	94-1	84612	84646	83726	84328	0.62	cps
Molybdenum	95-1	132497	133120	132592	132736	0.25	cps
Molybdenum	96-1	143539	143572	141115	142742	0.99	cps
Molybdenum	97-1	82939	81662	82630	82410	0.81	cps
Molybdenum	98-1	213123	211513	213274	212637	0.46	cps
Neodymium	150-1	2167	2177	2244	2196	1.90	cps
Neodymium	150-2	450	497	540	496	9.08	cps
Nickel	60-2	42787	43038	43125	42984	0.41	cps
Phosphorus	31-2	3137	3164	3180	3160	0.69	cps
Potassium	39-2	792723	794951	795548	794407	0.19	cps
Rhodium	103-1	16682262	16225279	16635442	16514328	1.52	cps
Rhodium	103-2	6163893	6159745	6344119	6222586	1.69	cps
Scandium	45-1	12425421	12052575	12204458	12227485	1.53	cps
Scandium	45-2	238658	232707	235729	235698	1.26	cps
Selenium	82-1	143	167	137	149	10.58	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	13	23	20	19	26.96	cps
Silicon	28-1	68430677	67860889	68249976	68180514	0.43	cps
Silver	107-1	40998	41081	41870	41316	1.17	cps
Silver	109-1	39323	39697	39807	39609	0.64	cps
Sodium	23-2	86665542	86421879	86751705	86613042	0.20	cps
Strontium	86-1	610174	612740	608720	610545	0.33	cps
Strontium	88-1	5677168	5612036	5555882	5615028	1.08	cps
Sulfur	34-1	2184839	2149726	2151536	2162034	0.91	cps
Terbium	159-1	24051357	23844755	24120695	24005603	0.60	cps
Terbium	159-2	7381909	7110461	7208985	7233785	1.90	cps
Thallium	203-1	980	920	827	909	8.50	cps
Thallium	205-1	2164	2004	2054	2074	3.95	cps
Tin	118-1	39022	37795	38100	38306	1.67	cps
Titanium	47-1	24468	24476	24214	24386	0.61	cps
Uranium	238-1	18323	18868	18908	18700	1.75	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	433DUPDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:23:40	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6738	6545	6605	6629	1.49	cps
Ytterbium	172-1	1090	1217	1080	1129	6.75	cps
Ytterbium	172-2	353	387	443	394	11.54	cps
Ytterbium	176-1	2760	2810	2890	2820	2.33	cps
Ytterbium	176-2	517	513	527	519	1.34	cps
Yttrium	89-1	31338785	30862335	31044911	31082010	0.77	cps
Yttrium	89-2	2194757	2176399	2225369	2198841	1.13	cps
Zinc	66-2	63706	63344	62738	63263	0.77	cps
Zirconium	90-1	25210	25287	26008	25501	1.73	cps
Zirconium	91-1	5544	5828	5678	5683	2.50	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3490	3407	3387	3428	1.60	cps
Antimony	121-1	6185	6482	6428	6365	2.49	cps
Arsenic	75-2	467	417	400	428	8.11	cps
Barium	135-1	175336	175201	175134	175224	0.06	cps
Barium	137-1	301927	299775	305862	302521	1.02	cps
Beryllium	9-1	1091	1114	962	1056	7.73	cps
Bismuth	209-1	14759386	14388742	14777700	14641943	1.50	cps
Bismuth	209-2	6012091	5425579	5418385	5618685	6.06	cps
Bromine	81-1	21436	21353	21487	21425	0.31	cps
Cadmium	108-1	500	527	537	521	3.64	cps
Cadmium	106-1	8953	8803	8710	8822	1.39	cps
Cadmium	111-1	6294	6100	6054	6149	2.07	cps
Calcium	43-1	506205	500970	496230	501135	1.00	cps
Calcium	44-1	8593883	8494676	8282818	8457126	1.88	cps
Carbon	12-1	11056441	11290199	11197693	11181445	1.05	cps
Carbon	12-2	75244	75144	75191	75193	0.07	cps
Chlorine	35-1	7082489	7069061	7011949	7054499	0.53	cps
Chlorine	35-2	28451	28044	28612	28369	1.03	cps
Chromium	52-2	11074	11575	11388	11346	2.23	cps
Cobalt	59-2	5561	5364	5254	5393	2.88	cps
Copper	63-2	46272	46971	46820	46688	0.79	cps
Dysprosium	156-1	327	350	323	333	4.36	cps
Dysprosium	156-2	117	100	127	114	11.77	cps
Erbium	164-1	430	467	477	458	5.37	cps
Erbium	164-2	117	127	120	121	4.20	cps
Gadolinium	160-1	487	463	433	461	5.80	cps
Gadolinium	160-2	163	167	180	170	5.19	cps
Holmium	165-1	23119007	22989950	23324157	23144371	0.73	cps
Holmium	165-2	8215876	7523763	7549753	7763131	5.05	cps
Indium	115-1	18428092	18207768	18562595	18399485	0.97	cps
Indium	115-2	1942909	1725983	1772409	1813767	6.30	cps
Iron	54-2	380820	378519	381696	380345	0.43	cps
Iron	56-2	7251938	7261513	7414909	7309453	1.25	cps
Iron	57-2	172405	172897	174834	173379	0.74	cps
Krypton	83-1	257	343	303	301	14.41	cps
Lead	206-1	58960	57932	59098	58663	1.09	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	49949	48524	49414	49296	1.46	cps
Lead	208-1	228360	227385	229235	228327	0.41	cps
Lithium	6-1	8137500	7944346	7897990	7993279	1.59	cps
Magnesium	24-2	279533	280953	285650	282045	1.13	cps
Manganese	55-2	1205118	1210463	1215099	1210227	0.41	cps
Molybdenum	94-1	17771	17531	17061	17454	2.07	cps
Molybdenum	95-1	26632	26105	26185	26307	1.08	cps
Molybdenum	96-1	28232	28650	28947	28610	1.25	cps
Molybdenum	97-1	16797	17051	16610	16819	1.31	cps
Molybdenum	98-1	42762	42458	42438	42553	0.43	cps
Neodymium	150-1	483	440	463	462	4.69	cps
Neodymium	150-2	87	117	90	98	16.82	cps
Nickel	60-2	7015	7225	6965	7068	1.95	cps
Phosphorus	31-2	720	700	637	686	6.35	cps
Potassium	39-2	174237	175624	175759	175207	0.48	cps
Rhodium	103-1	17042564	16748806	16672964	16821445	1.16	cps
Rhodium	103-2	7073881	6397100	6493908	6654963	5.50	cps
Scandium	45-1	12645766	12040252	11980099	12222039	3.01	cps
Scandium	45-2	263184	234462	235457	244368	6.67	cps
Selenium	82-1	143	-10	-3	43	199.99	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	7	17	11	45.82	cps
Silicon	28-1	14531104	14229734	14554344	14438394	1.25	cps
Silver	107-1	8760	8543	8559	8621	1.40	cps
Silver	109-1	8429	8373	8163	8321	1.69	cps
Sodium	23-2	17293611	17828746	17439540	17520632	1.58	cps
Strontium	86-1	119539	122470	122497	121502	1.40	cps
Strontium	88-1	1068418	1077474	1067389	1071094	0.52	cps
Sulfur	34-1	1139870	1136808	1138675	1138451	0.14	cps
Terbium	159-1	23711282	23671862	23886750	23756632	0.48	cps
Terbium	159-2	8029131	7220464	7270574	7506723	6.04	cps
Thallium	203-1	887	883	863	878	1.44	cps
Thallium	205-1	1944	2084	1737	1921	9.08	cps
Tin	118-1	8740	8383	8249	8457	3.00	cps
Titanium	47-1	5535	5584	5465	5528	1.09	cps
Uranium	238-1	3827	3644	3884	3785	3.32	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03LDLX10	Instrumnet Name :	P8
Client Sample ID :	433LDL	Dilution Factor :	10
Date & Time Acquired :	2025-02-07 18:26:50	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1317	1380	1283	1327	3.70	cps
Ytterbium	172-1	283	307	287	292	4.32	cps
Ytterbium	172-2	123	103	153	127	19.87	cps
Ytterbium	176-1	2317	2260	2287	2288	1.24	cps
Ytterbium	176-2	383	383	343	370	6.24	cps
Yttrium	89-1	31412763	31493458	31370957	31425726	0.20	cps
Yttrium	89-2	2396178	2144469	2198859	2246502	5.90	cps
Zinc	66-2	12159	12459	13113	12577	3.88	cps
Zirconium	90-1	5818	5821	5928	5856	1.07	cps
Zirconium	91-1	1213	1380	1343	1312	6.67	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359347	356304	359014	358222	0.47	cps
Antimony	121-1	4837942	4812352	4863708	4838001	0.53	cps
Arsenic	75-2	1953	2110	1967	2010	4.32	cps
Barium	135-1	5929801	5918991	5941669	5930154	0.19	cps
Barium	137-1	10220334	10036828	10183494	10146885	0.96	cps
Beryllium	9-1	1489147	1464804	1470838	1474930	0.86	cps
Bismuth	209-1	14082928	13999355	14293443	14125242	1.07	cps
Bismuth	209-2	5340584	5255963	5235443	5277330	1.06	cps
Bromine	81-1	60798	61611	62431	61613	1.33	cps
Cadmium	108-1	87492	85694	87247	86811	1.12	cps
Cadmium	106-1	135117	136604	135796	135839	0.55	cps
Cadmium	111-1	1091345	1091603	1087212	1090053	0.23	cps
Calcium	43-1	3810312	3843320	3734869	3796167	1.46	cps
Calcium	44-1	62382999	61161404	60762001	61435468	1.37	cps
Carbon	12-1	24070099	25904096	27206568	25726921	6.12	cps
Carbon	12-2	195914	195502	198457	196624	0.81	cps
Chlorine	35-1	53215934	56778611	58494531	56163025	4.79	cps
Chlorine	35-2	258685	255362	258564	257537	0.73	cps
Chromium	52-2	970695	960164	958375	963078	0.69	cps
Cobalt	59-2	1924010	1922886	1879294	1908730	1.34	cps
Copper	63-2	14586324	14297472	14238447	14374081	1.30	cps
Dysprosium	156-1	1803	1653	1670	1709	4.81	cps
Dysprosium	156-2	590	597	537	574	5.73	cps
Erbium	164-1	1703	1773	1617	1698	4.62	cps
Erbium	164-2	440	570	510	507	12.84	cps
Gadolinium	160-1	1790	1770	1923	1828	4.56	cps
Gadolinium	160-2	593	627	653	624	4.81	cps
Holmium	165-1	23398392	23642754	23001115	23347420	1.39	cps
Holmium	165-2	7494246	7501487	7505421	7500384	0.08	cps
Indium	115-1	18232618	18044252	17644915	17973928	1.67	cps
Indium	115-2	1722716	1694104	1656557	1691126	1.96	cps
Iron	54-2	3646995	3658627	3594682	3633434	0.94	cps
Iron	56-2	65344582	65488454	65713416	65515484	0.28	cps
Iron	57-2	1700522	1669130	1680791	1683481	0.94	cps
Krypton	83-1	387	333	347	356	7.81	cps
Lead	206-1	19088704	19036866	18743585	18956385	0.98	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16578331	16350572	16190173	16373025	1.19	cps
Lead	208-1	75518992	75120737	74985282	75208337	0.37	cps
Lithium	6-1	7836171	7748436	7834377	7806328	0.64	cps
Magnesium	24-2	8134053	7995763	8102294	8077370	0.90	cps
Manganese	55-2	9907433	9828929	9688605	9808322	1.13	cps
Molybdenum	94-1	7579303	7699195	7539333	7605944	1.09	cps
Molybdenum	95-1	8513253	8599364	8515674	8542764	0.57	cps
Molybdenum	96-1	9592532	9562018	9680882	9611811	0.64	cps
Molybdenum	97-1	5272096	5316886	5245426	5278136	0.68	cps
Molybdenum	98-1	13549168	13756926	13759484	13688526	0.88	cps
Neodymium	150-1	2117	2090	2197	2135	2.60	cps
Neodymium	150-2	470	447	413	443	6.42	cps
Nickel	60-2	515234	505328	505431	508664	1.12	cps
Phosphorus	31-2	2974	3034	2867	2958	2.85	cps
Potassium	39-2	2528136	2511998	2503295	2514476	0.50	cps
Rhodium	103-1	16220239	16107101	16116851	16148064	0.39	cps
Rhodium	103-2	6146670	6115708	6100358	6120912	0.39	cps
Scandium	45-1	12457953	12124615	12193301	12258623	1.44	cps
Scandium	45-2	239894	234720	232329	235648	1.64	cps
Selenium	82-1	68009	66264	67530	67268	1.34	cps
Selenium	77-2	1163	1120	1200	1161	3.45	cps
Selenium	78-2	3937	3777	3984	3899	2.78	cps
Silicon	28-1	63495169	63082096	63349041	63308769	0.33	cps
Silver	107-1	962866	961923	961291	962027	0.08	cps
Silver	109-1	921789	917531	916847	918722	0.29	cps
Sodium	23-2	92407205	92689979	92311125	92469436	0.21	cps
Strontium	86-1	2377825	2383787	2361683	2374432	0.48	cps
Strontium	88-1	20601706	20391225	20236681	20409871	0.90	cps
Sulfur	34-1	2078063	2034210	2042525	2051599	1.14	cps
Terbium	159-1	23759969	23908273	23794982	23821075	0.33	cps
Terbium	159-2	7214661	7194989	7001773	7137141	1.65	cps
Thallium	203-1	4579690	4566770	4497342	4547934	0.97	cps
Thallium	205-1	10740429	10730761	10607385	10692858	0.69	cps
Tin	118-1	3407908	3473058	3399532	3426833	1.17	cps
Titanium	47-1	24488	23990	25861	24780	3.91	cps
Uranium	238-1	14324364	14195598	14419510	14313157	0.79	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:30:05	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	760567	755923	757031	757840	0.32	cps
Ytterbium	172-1	1183	1157	1203	1181	1.98	cps
Ytterbium	172-2	437	453	417	436	4.22	cps
Ytterbium	176-1	23531	23758	23645	23645	0.48	cps
Ytterbium	176-2	6875	7402	6855	7044	4.40	cps
Yttrium	89-1	31161206	30854224	30655988	30890473	0.82	cps
Yttrium	89-2	2195089	2168056	2117934	2160360	1.81	cps
Zinc	66-2	1630420	1633292	1616218	1626644	0.56	cps
Zirconium	90-1	7908337	7964540	7901068	7924648	0.44	cps
Zirconium	91-1	1817987	1811881	1792023	1807297	0.75	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356469	358683	353135	356096	0.78	cps
Antimony	121-1	4832646	4868738	4836822	4846069	0.41	cps
Arsenic	75-2	2003	2150	1927	2027	5.60	cps
Barium	135-1	5983689	5896224	5920892	5933602	0.76	cps
Barium	137-1	10143226	10258470	10251614	10217770	0.63	cps
Beryllium	9-1	1477254	1465674	1472698	1471875	0.40	cps
Bismuth	209-1	14062933	13900714	14157529	14040392	0.93	cps
Bismuth	209-2	5149403	5130283	5088120	5122602	0.61	cps
Bromine	81-1	58719	60379	62445	60514	3.08	cps
Cadmium	108-1	84463	84095	86023	84860	1.21	cps
Cadmium	106-1	133727	134427	135588	134581	0.70	cps
Cadmium	111-1	1081676	1087495	1081539	1083570	0.31	cps
Calcium	43-1	3779694	3841573	3798956	3806741	0.83	cps
Calcium	44-1	61650002	61601406	60924992	61392134	0.66	cps
Carbon	12-1	24415648	26340061	27357632	26037780	5.74	cps
Carbon	12-2	197217	198312	198704	198078	0.39	cps
Chlorine	35-1	56795356	59334236	61119839	59083144	3.68	cps
Chlorine	35-2	260498	264917	261276	262230	0.90	cps
Chromium	52-2	962742	959837	959809	960796	0.18	cps
Cobalt	59-2	1908688	1921564	1891076	1907110	0.80	cps
Copper	63-2	13359121	13595360	13367983	13440821	1.00	cps
Dysprosium	156-1	1583	1873	1770	1742	8.44	cps
Dysprosium	156-2	577	523	497	532	7.65	cps
Erbium	164-1	1613	1697	1710	1673	3.13	cps
Erbium	164-2	473	510	550	511	7.50	cps
Gadolinium	160-1	1893	1810	1817	1840	2.52	cps
Gadolinium	160-2	613	637	693	648	6.35	cps
Holmium	165-1	23277745	23232290	23362634	23290890	0.28	cps
Holmium	165-2	7455640	7415908	7317823	7396457	0.96	cps
Indium	115-1	17645666	17476737	17854529	17658977	1.07	cps
Indium	115-2	1672607	1698181	1661622	1677470	1.12	cps
Iron	54-2	3594365	3641908	3566473	3600915	1.06	cps
Iron	56-2	65758664	63951087	64104156	64604636	1.55	cps
Iron	57-2	1637846	1670231	1611851	1639976	1.78	cps
Krypton	83-1	333	383	353	357	7.06	cps
Lead	206-1	17778637	17904169	17857190	17846665	0.36	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15264994	15251476	15357973	15291481	0.38	cps
Lead	208-1	70072439	70101294	70382393	70185375	0.24	cps
Lithium	6-1	7774739	7804996	7697730	7759155	0.71	cps
Magnesium	24-2	8070433	8117893	8064455	8084260	0.36	cps
Manganese	55-2	9519084	9506492	9321078	9448885	1.17	cps
Molybdenum	94-1	7661846	7704857	7546127	7637610	1.07	cps
Molybdenum	95-1	8590988	8457356	8507184	8518509	0.79	cps
Molybdenum	96-1	9627175	9694025	9545438	9622213	0.77	cps
Molybdenum	97-1	5246970	5281538	5214791	5247767	0.64	cps
Molybdenum	98-1	13766345	13847891	13655835	13756691	0.70	cps
Neodymium	150-1	2324	2214	2207	2248	2.91	cps
Neodymium	150-2	520	377	440	446	16.12	cps
Nickel	60-2	507598	503796	500918	504104	0.66	cps
Phosphorus	31-2	3074	2994	3034	3034	1.32	cps
Potassium	39-2	2511450	2515369	2467935	2498252	1.05	cps
Rhodium	103-1	16300983	15873649	16008441	16061024	1.36	cps
Rhodium	103-2	5993223	5946578	5987044	5975615	0.42	cps
Scandium	45-1	12120124	11748807	12094047	11987659	1.73	cps
Scandium	45-2	230847	230927	232766	231514	0.47	cps
Selenium	82-1	67704	67038	66227	66990	1.10	cps
Selenium	77-2	1150	1183	1127	1153	2.47	cps
Selenium	78-2	3791	3957	3504	3751	6.12	cps
Silicon	28-1	62704497	62919361	62545699	62723186	0.30	cps
Silver	107-1	952928	961125	952123	955392	0.52	cps
Silver	109-1	911181	907664	912653	910500	0.28	cps
Sodium	23-2	91854369	92120765	91049555	91674896	0.61	cps
Strontium	86-1	2355455	2357747	2346736	2353312	0.25	cps
Strontium	88-1	20312326	20187719	20148921	20216322	0.42	cps
Sulfur	34-1	1988382	1998207	2004847	1997146	0.41	cps
Terbium	159-1	23730956	23289122	23394527	23471535	0.98	cps
Terbium	159-2	7060077	7113509	7084147	7085911	0.38	cps
Thallium	203-1	4541106	4569663	4574960	4561909	0.40	cps
Thallium	205-1	10526593	10765039	10670998	10654210	1.13	cps
Tin	118-1	3419302	3409435	3512421	3447053	1.65	cps
Titanium	47-1	25302	24582	24314	24733	2.07	cps
Uranium	238-1	14374435	14062957	14355839	14264410	1.22	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	433MSDDL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:32:53	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	765833	752865	749876	756192	1.12	cps
Ytterbium	172-1	1190	1067	1077	1111	6.17	cps
Ytterbium	172-2	447	423	393	421	6.35	cps
Ytterbium	176-1	22970	23100	23461	23177	1.10	cps
Ytterbium	176-2	7082	7165	7279	7175	1.38	cps
Yttrium	89-1	30899238	30535663	30229419	30554773	1.10	cps
Yttrium	89-2	2164210	2143077	2152841	2153376	0.49	cps
Zinc	66-2	1425216	1497004	1431291	1451170	2.74	cps
Zirconium	90-1	7988163	8084136	7915460	7995920	1.06	cps
Zirconium	91-1	1795335	1809437	1772204	1792325	1.05	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355093	354758	356195	355349	0.21	cps
Antimony	121-1	4775675	4770983	4770130	4772263	0.06	cps
Arsenic	75-2	1837	1853	1907	1866	1.96	cps
Barium	135-1	5888121	5850995	5847606	5862241	0.38	cps
Barium	137-1	10110703	10136121	10093757	10113527	0.21	cps
Beryllium	9-1	1465117	1476925	1452817	1464953	0.82	cps
Bismuth	209-1	14098661	14100459	14203264	14134128	0.42	cps
Bismuth	209-2	5165487	5157642	5183937	5169022	0.26	cps
Bromine	81-1	57561	58953	60985	59166	2.91	cps
Cadmium	108-1	85496	86469	85516	85827	0.65	cps
Cadmium	106-1	133071	133791	132549	133137	0.47	cps
Cadmium	111-1	1072392	1086787	1084509	1081229	0.72	cps
Calcium	43-1	3773394	3784583	3810550	3789509	0.50	cps
Calcium	44-1	61291164	60587596	60292119	60723626	0.85	cps
Carbon	12-1	24296491	25981150	27127565	25801735	5.52	cps
Carbon	12-2	193469	198048	198371	196629	1.39	cps
Chlorine	35-1	57634132	59573846	61065377	59424452	2.90	cps
Chlorine	35-2	262688	262488	266542	263906	0.87	cps
Chromium	52-2	968170	966752	963149	966024	0.27	cps
Cobalt	59-2	1917442	1899596	1893002	1903347	0.66	cps
Copper	63-2	14479342	14432532	14447649	14453174	0.17	cps
Dysprosium	156-1	1730	1623	1707	1687	3.32	cps
Dysprosium	156-2	550	527	510	529	3.80	cps
Erbium	164-1	1763	1737	1763	1755	0.88	cps
Erbium	164-2	510	537	507	518	3.18	cps
Gadolinium	160-1	1687	1637	1643	1656	1.64	cps
Gadolinium	160-2	640	690	587	639	8.09	cps
Holmium	165-1	23758074	23451525	22837896	23349165	2.01	cps
Holmium	165-2	7350038	7376988	7370984	7366003	0.19	cps
Indium	115-1	17816886	17679003	17835820	17777236	0.48	cps
Indium	115-2	1659971	1663802	1659449	1661074	0.14	cps
Iron	54-2	3558676	3645917	3601639	3602077	1.21	cps
Iron	56-2	65401221	65380256	64067922	64949800	1.18	cps
Iron	57-2	1663140	1650190	1622694	1645341	1.26	cps
Krypton	83-1	360	317	297	324	9.98	cps
Lead	206-1	19172530	19282028	18947906	19134155	0.89	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16342090	16553589	16253411	16383030	0.94	cps
Lead	208-1	75396615	75657762	74748776	75267717	0.62	cps
Lithium	6-1	7730074	7889434	7711074	7776861	1.26	cps
Magnesium	24-2	7905252	7983133	7975563	7954649	0.54	cps
Manganese	55-2	9695477	9735243	9647402	9692707	0.45	cps
Molybdenum	94-1	7527817	7614145	7646204	7596055	0.81	cps
Molybdenum	95-1	8622511	8530887	8521874	8558424	0.65	cps
Molybdenum	96-1	9653412	9624099	9535551	9604354	0.64	cps
Molybdenum	97-1	5261418	5201042	5288267	5250242	0.85	cps
Molybdenum	98-1	13748977	13677409	13875206	13767197	0.73	cps
Neodymium	150-1	2197	2170	2207	2191	0.87	cps
Neodymium	150-2	467	430	453	450	4.12	cps
Nickel	60-2	508699	506502	507544	507582	0.22	cps
Phosphorus	31-2	2887	2930	2774	2864	2.83	cps
Potassium	39-2	2483843	2501205	2489923	2491657	0.35	cps
Rhodium	103-1	16205189	15996293	16014402	16071961	0.72	cps
Rhodium	103-2	6009518	5926345	6052750	5996204	1.07	cps
Scandium	45-1	12090623	11993839	11865899	11983453	0.94	cps
Scandium	45-2	230634	232244	232705	231861	0.47	cps
Selenium	82-1	66937	65802	67962	66900	1.62	cps
Selenium	77-2	1117	1167	1153	1146	2.26	cps
Selenium	78-2	3967	4074	3807	3949	3.40	cps
Silicon	28-1	61558682	61512961	61885589	61652411	0.33	cps
Silver	107-1	966556	970134	968097	968262	0.19	cps
Silver	109-1	920687	919206	922337	920743	0.17	cps
Sodium	23-2	91557255	90584949	91629082	91257095	0.64	cps
Strontium	86-1	2355023	2362164	2341272	2352820	0.45	cps
Strontium	88-1	20309973	20404726	20083722	20266140	0.81	cps
Sulfur	34-1	1981339	1973571	1990761	1981890	0.43	cps
Terbium	159-1	23595035	23811736	23531735	23646169	0.62	cps
Terbium	159-2	7294425	7065387	7169824	7176545	1.60	cps
Thallium	203-1	4569389	4590577	4518257	4559407	0.82	cps
Thallium	205-1	10605770	10660008	10773170	10679649	0.80	cps
Tin	118-1	3453518	3425727	3412878	3430708	0.61	cps
Titanium	47-1	23192	22955	24599	23582	3.77	cps
Uranium	238-1	14357415	14265651	14279802	14300956	0.35	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1307-03ADLX2	Instrumnet Name :	P8
Client Sample ID :	433ADL	Dilution Factor :	2
Date & Time Acquired :	2025-02-07 18:35:40	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	752089	757938	761560	757196	0.63	cps
Ytterbium	172-1	1187	1067	1137	1130	5.33	cps
Ytterbium	172-2	380	493	403	426	14.06	cps
Ytterbium	176-1	23401	23608	23655	23554	0.57	cps
Ytterbium	176-2	6815	7049	7132	6999	2.35	cps
Yttrium	89-1	30771610	31021178	30704111	30832300	0.54	cps
Yttrium	89-2	2147431	2148113	2078232	2124592	1.89	cps
Zinc	66-2	1620956	1607485	1626476	1618306	0.60	cps
Zirconium	90-1	7955904	8005740	7946529	7969391	0.40	cps
Zirconium	91-1	1802171	1816467	1804311	1807650	0.43	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1007	190	1513	903	73.92	cps
Antimony	121-1	2820	2584	510	1971	64.48	cps
Arsenic	75-2	453	90	873	472	83.01	cps
Barium	135-1	138718	380019	17049	178595	103.44	cps
Barium	137-1	244276	659798	29541	311205	102.96	cps
Beryllium	9-1	1255	1077	711	1014	27.33	cps
Bismuth	209-1	22867077	57651479	11874719	30797758	77.59	cps
Bismuth	209-2	16199094	18574750	8560774	14444873	36.22	cps
Bromine	81-1	34143	105053	25885	55027	79.09	cps
Cadmium	108-1	97	67	23	62	59.26	cps
Cadmium	106-1	7899	24440	3674	12004	91.42	cps
Cadmium	111-1	6062	17298	2672	8677	88.23	cps
Calcium	43-1	582266	1777695	78859	812940	107.34	cps
Calcium	44-1	9626969	28344148	1325062	13098726	105.66	cps
Carbon	12-1	8930094	9619095	5351692	7966961	28.76	cps
Carbon	12-2	83493	70255	78981	77576	8.68	cps
Chlorine	35-1	8128862	36431362	13768544	19442922	77.05	cps
Chlorine	35-2	202991	90705	257262	183652	46.25	cps
Chromium	52-2	29522	4578	43548	25883	76.26	cps
Cobalt	59-2	2114	517	2970	1867	66.71	cps
Copper	63-2	226127	36522	333902	198851	75.71	cps
Dysprosium	156-1	40	120	3	54	109.58	cps
Dysprosium	156-2	33	23	57	38	45.29	cps
Erbium	164-1	217	613	97	309	87.54	cps
Erbium	164-2	163	117	107	129	23.47	cps
Gadolinium	160-1	200	443	80	241	76.78	cps
Gadolinium	160-2	130	70	57	86	45.66	cps
Holmium	165-1	37420565	96860215	18588407	50956396	80.17	cps
Holmium	165-2	24269422	26941839	12948709	21386656	34.73	cps
Indium	115-1	28219653	73749805	14971265	38980241	79.09	cps
Indium	115-2	5339658	6014597	2926012	4760089	34.11	cps
Iron	54-2	5174919	694650	7765548	4545039	78.71	cps
Iron	56-2	95264149	13361041	143588705	84071298	78.30	cps
Iron	57-2	2440266	315811	3711332	2155803	79.58	cps
Krypton	83-1	2790	1767	1017	1858	47.92	cps
Lead	206-1	28501	30681	5185	21455	65.87	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24803	25979	4661	18481	64.84	cps
Lead	208-1	113018	118831	20711	84187	65.39	cps
Lithium	6-1	12858659	33172616	7125163	17718813	77.25	cps
Magnesium	24-2	4788730	650767	7018610	4152702	77.81	cps
Manganese	55-2	1075656	139957	1605185	940266	78.91	cps
Molybdenum	94-1	6318	8757	1513	5529	66.65	cps
Molybdenum	95-1	5871	7159	1050	4694	68.61	cps
Molybdenum	96-1	7102	8563	1293	5653	68.03	cps
Molybdenum	97-1	3904	4691	523	3039	72.85	cps
Molybdenum	98-1	9807	11326	1337	7490	71.86	cps
Neodymium	150-1	30	103	10	48	102.85	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	3617	1000	4521	3046	60.03	cps
Phosphorus	31-2	257	90	367	238	58.58	cps
Potassium	39-2	487455	77407	704770	423211	75.28	cps
Rhodium	103-1	25113190	65921372	13633071	34889211	78.77	cps
Rhodium	103-2	19310443	22339968	10225156	17291856	36.46	cps
Scandium	45-1	18552597	48484316	9802670	25613194	79.20	cps
Scandium	45-2	742924	814754	413569	657082	32.56	cps
Selenium	82-1	117	20	-17	40	172.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	13	9	43.25	cps
Silicon	28-1	5773570	14651097	1380147	7268271	93.01	cps
Silver	107-1	2007	6488	687	3061	99.36	cps
Silver	109-1	1804	6108	557	2823	103.19	cps
Sodium	23-2	249468016	33106909	362039275	214871400	77.80	cps
Strontium	86-1	368888	1057210	48242	491447	104.90	cps
Strontium	88-1	3325298	9580740	404845	4436961	105.65	cps
Sulfur	34-1	382795	497034	337678	405835	20.24	cps
Terbium	159-1	36831157	97471599	19499673	51267476	79.86	cps
Terbium	159-2	23349255	25541820	12575997	20489024	33.87	cps
Thallium	203-1	6372	3434	1390	3732	67.10	cps
Thallium	205-1	16733	8063	3534	9443	71.03	cps
Tin	118-1	5475	10905	1663	6015	77.22	cps
Titanium	47-1	960	1927	1986	1624	35.46	cps
Uranium	238-1	5421	2107	480	2669	94.34	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01RE2DLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:38:30	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3147	487	4654	2763	76.38	cps
Ytterbium	172-1	227	533	133	298	70.28	cps
Ytterbium	172-2	223	140	120	161	34.02	cps
Ytterbium	176-1	2234	6225	1000	3153	86.62	cps
Ytterbium	176-2	730	777	423	643	29.84	cps
Yttrium	89-1	47177439	124034541	25065467	65425816	79.40	cps
Yttrium	89-2	6766680	7479694	3695626	5980667	33.62	cps
Zinc	66-2	48549	7326	75399	43758	78.36	cps
Zirconium	90-1	7606	12756	2027	7463	71.90	cps
Zirconium	91-1	1627	2844	477	1649	71.78	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	107	77	81	29.16	cps
Antimony	121-1	427	370	327	374	13.39	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	817	323	273	471	63.75	cps
Barium	137-1	1410	553	440	801	66.21	cps
Beryllium	9-1	674	537	546	586	13.02	cps
Bismuth	209-1	35986103	49838348	60807372	48877274	25.45	cps
Bismuth	209-2	18066433	25069988	22593784	21910068	16.21	cps
Bromine	81-1	7936	5938	5958	6611	17.36	cps
Cadmium	108-1	17	27	40	28	42.13	cps
Cadmium	106-1	13874	15834	19572	16427	17.62	cps
Cadmium	111-1	9784	11152	13756	11564	17.45	cps
Calcium	43-1	3207	787	580	1525	95.81	cps
Calcium	44-1	70551	28272	26318	41713	59.92	cps
Carbon	12-1	12127457	4356663	5086887	7190335	59.68	cps
Carbon	12-2	29827	34495	51022	38448	28.97	cps
Chlorine	35-1	3514011	4199219	4405225	4039485	11.55	cps
Chlorine	35-2	16233	15358	14714	15435	4.94	cps
Chromium	52-2	433	577	507	506	14.18	cps
Cobalt	59-2	247	333	260	280	16.67	cps
Copper	63-2	3370	3861	3540	3591	6.93	cps
Dysprosium	156-1	27	17	23	22	22.91	cps
Dysprosium	156-2	20	20	37	26	37.66	cps
Erbium	164-1	347	400	420	389	9.75	cps
Erbium	164-2	113	173	187	158	24.76	cps
Gadolinium	160-1	270	260	310	280	9.45	cps
Gadolinium	160-2	50	83	47	60	33.79	cps
Holmium	165-1	56683087	77443866	96561785	76896246	25.94	cps
Holmium	165-2	25171372	34911765	31922448	30668528	16.27	cps
Indium	115-1	44064400	59641161	75219340	59641634	26.12	cps
Indium	115-2	5862659	7764192	7191256	6939369	14.06	cps
Iron	54-2	610	807	717	711	13.85	cps
Iron	56-2	8706	12513	9347	10188	20.00	cps
Iron	57-2	167	253	213	211	20.55	cps
Krypton	83-1	5728	1367	1693	2929	82.93	cps
Lead	206-1	6445	3871	3024	4446	40.07	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5648	3227	2710	3862	40.61	cps
Lead	208-1	25501	15157	12126	17594	39.86	cps
Lithium	6-1	20552957	26834856	34861167	27416327	26.16	cps
Magnesium	24-2	2500	2554	2247	2434	6.73	cps
Manganese	55-2	530	730	600	620	16.37	cps
Molybdenum	94-1	1420	1553	1727	1567	9.82	cps
Molybdenum	95-1	710	497	433	547	26.52	cps
Molybdenum	96-1	1090	827	737	884	20.76	cps
Molybdenum	97-1	433	357	260	350	24.82	cps
Molybdenum	98-1	1193	843	603	880	33.72	cps
Neodymium	150-1	30	23	27	27	12.51	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	780	787	747	771	2.78	cps
Phosphorus	31-2	93	53	77	74	26.99	cps
Potassium	39-2	11852	12275	11888	12005	1.96	cps
Rhodium	103-1	41194416	55132266	67715707	54680796	24.26	cps
Rhodium	103-2	21494705	29121061	26770049	25795272	15.14	cps
Scandium	45-1	29614320	38912271	49237289	39254627	25.01	cps
Scandium	45-2	786653	1130034	1000587	972425	17.83	cps
Selenium	82-1	230	-137	-90	1	17616.94	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	20	20	13	18	21.66	cps
Silicon	28-1	1730238	696026	752959	1059741	54.86	cps
Silver	107-1	477	520	623	540	13.95	cps
Silver	109-1	280	250	297	276	8.58	cps
Sodium	23-2	121241	127330	124408	124327	2.45	cps
Strontium	86-1	11269	2300	2734	5434	93.07	cps
Strontium	88-1	14733	2120	1257	6037	124.96	cps
Sulfur	34-1	432122	389338	394386	405282	5.77	cps
Terbium	159-1	58758171	77786454	97772652	78105759	24.98	cps
Terbium	159-2	23512835	32718599	30380737	28870724	16.57	cps
Thallium	203-1	1617	1087	933	1212	29.58	cps
Thallium	205-1	4211	2684	2224	3039	34.23	cps
Tin	118-1	1267	1067	1043	1126	10.91	cps
Titanium	47-1	397	280	410	362	19.74	cps
Uranium	238-1	420	437	300	386	19.34	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01REDLX5	Instrumnet Name :	P8
Client Sample ID :	11725RE	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:42:55	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	50	33	41	20.41	cps
Ytterbium	172-1	297	407	563	422	31.74	cps
Ytterbium	172-2	133	197	227	186	25.68	cps
Ytterbium	176-1	3574	4168	5278	4340	19.93	cps
Ytterbium	176-2	627	1120	903	883	27.99	cps
Yttrium	89-1	75939181	100870975	124670548	100493568	24.25	cps
Yttrium	89-2	7125759	9797084	9062264	8661703	15.93	cps
Zinc	66-2	303	473	430	402	21.96	cps
Zirconium	90-1	3014	3604	4501	3706	20.20	cps
Zirconium	91-1	653	727	893	758	16.23	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	597	517	571	8.26	cps
Antimony	121-1	1033	1160	1090	1094	5.80	cps
Arsenic	75-2	357	437	280	358	21.90	cps
Barium	135-1	277181	275213	277191	276528	0.41	cps
Barium	137-1	481417	481835	480691	481314	0.12	cps
Beryllium	9-1	997	964	949	970	2.57	cps
Bismuth	209-1	13861956	13634222	13651363	13715847	0.92	cps
Bismuth	209-2	5074559	4988381	5006318	5023086	0.91	cps
Bromine	81-1	68209	81481	90197	79963	13.85	cps
Cadmium	108-1	63	47	27	46	40.29	cps
Cadmium	106-1	8189	8856	7899	8315	5.90	cps
Cadmium	111-1	5751	6263	5574	5863	6.11	cps
Calcium	43-1	1330726	1315442	1317199	1321122	0.63	cps
Calcium	44-1	21438405	21115633	21059654	21204564	0.96	cps
Carbon	12-1	13218162	14312568	14831328	14120686	5.83	cps
Carbon	12-2	102678	102007	102819	102502	0.42	cps
Chlorine	35-1	33027209	36126331	36786692	35313411	5.68	cps
Chlorine	35-2	163559	162066	162791	162805	0.46	cps
Chromium	52-2	16557	16049	16163	16256	1.64	cps
Cobalt	59-2	1027	1120	1077	1074	4.35	cps
Copper	63-2	126655	126222	125828	126235	0.33	cps
Dysprosium	156-1	63	50	43	52	19.50	cps
Dysprosium	156-2	13	13	33	20	57.74	cps
Erbium	164-1	193	217	200	203	5.91	cps
Erbium	164-2	47	53	57	52	9.75	cps
Gadolinium	160-1	100	227	147	158	40.60	cps
Gadolinium	160-2	33	43	40	39	13.09	cps
Holmium	165-1	22843608	22841385	22599340	22761444	0.62	cps
Holmium	165-2	7239079	7248093	7181595	7222922	0.50	cps
Indium	115-1	17508606	17508020	17317949	17444858	0.63	cps
Indium	115-2	1653473	1663109	1631808	1649463	0.97	cps
Iron	54-2	2865014	2839864	2880259	2861712	0.71	cps
Iron	56-2	52354071	52173014	52136171	52221085	0.22	cps
Iron	57-2	1243829	1252995	1255340	1250721	0.49	cps
Krypton	83-1	377	323	313	338	10.08	cps
Lead	206-1	19955	20586	20163	20235	1.59	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17352	17071	16965	17129	1.17	cps
Lead	208-1	78840	80194	78851	79295	0.98	cps
Lithium	6-1	7954236	7867086	7766476	7862599	1.20	cps
Magnesium	24-2	2542513	2520936	2478357	2513936	1.30	cps
Manganese	55-2	545337	545486	547065	545963	0.18	cps
Molybdenum	94-1	3557	3597	3467	3540	1.88	cps
Molybdenum	95-1	4031	3711	3977	3906	4.39	cps
Molybdenum	96-1	4411	4651	4731	4597	3.62	cps
Molybdenum	97-1	2277	2520	2640	2479	7.47	cps
Molybdenum	98-1	6131	6345	6342	6273	1.95	cps
Neodymium	150-1	87	90	97	91	5.59	cps
Neodymium	150-2	10	17	0	9	94.38	cps
Nickel	60-2	2380	2477	2317	2391	3.37	cps
Phosphorus	31-2	187	200	227	204	9.96	cps
Potassium	39-2	266600	268604	264315	266506	0.81	cps
Rhodium	103-1	15907365	16018851	15741342	15889186	0.88	cps
Rhodium	103-2	5872506	5994536	6006192	5957745	1.24	cps
Scandium	45-1	12139814	11666788	11849043	11885215	2.01	cps
Scandium	45-2	226358	228953	228732	228014	0.63	cps
Selenium	82-1	-43	-20	-13	-26	-61.66	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	23	13	13	17	34.65	cps
Silicon	28-1	11382219	11254805	11038445	11225156	1.55	cps
Silver	107-1	643	597	607	616	3.99	cps
Silver	109-1	463	557	423	481	14.22	cps
Sodium	23-2	129223418	127780958	129313225	128772534	0.67	cps
Strontium	86-1	753128	754377	745744	751083	0.62	cps
Strontium	88-1	6951936	7010393	6905561	6955964	0.76	cps
Sulfur	34-1	820649	821098	822400	821382	0.11	cps
Terbium	159-1	23253510	23044154	22770752	23022805	1.05	cps
Terbium	159-2	6944180	6961863	6878650	6928231	0.63	cps
Thallium	203-1	790	747	743	760	3.43	cps
Thallium	205-1	1964	1793	1733	1830	6.52	cps
Tin	118-1	8076	7832	7585	7831	3.13	cps
Titanium	47-1	1513	1633	1493	1547	4.90	cps
Uranium	238-1	103	133	120	119	12.65	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	Q1320-01DLX5	Instrumnet Name :	P8
Client Sample ID :	11725DL	Dilution Factor :	5
Date & Time Acquired :	2025-02-07 18:46:15	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1540	1610	1613	1588	2.61	cps
Ytterbium	172-1	157	160	137	151	8.35	cps
Ytterbium	172-2	77	80	67	74	9.32	cps
Ytterbium	176-1	2147	2117	2140	2135	0.74	cps
Ytterbium	176-2	293	317	290	300	4.84	cps
Yttrium	89-1	30563717	30692864	29927303	30394628	1.35	cps
Yttrium	89-2	2095744	2125424	2146033	2122400	1.19	cps
Zinc	66-2	28826	28479	28275	28526	0.98	cps
Zirconium	90-1	3464	3430	3697	3530	4.12	cps
Zirconium	91-1	757	740	757	751	1.28	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:49:27	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3660360	3791812	3773183	3741785	1.90	cps
Antimony	121-1	8624576	8875936	8786197	8762236	1.45	cps
Arsenic	75-2	164558	163758	163227	163848	0.41	cps
Barium	135-1	10430776	10712157	10656673	10599868	1.41	cps
Barium	137-1	17954250	18357783	18200174	18170736	1.12	cps
Beryllium	9-1	2750475	2713669	2699304	2721150	0.97	cps
Bismuth	209-1	12707944	12532297	12376429	12538890	1.32	cps
Bismuth	209-2	4521635	4555972	4578877	4552161	0.63	cps
Bromine	81-1	12886	12332	11411	12210	6.10	cps
Cadmium	108-1	163753	165261	165345	164786	0.54	cps
Cadmium	106-1	238168	238761	236842	237924	0.41	cps
Cadmium	111-1	2120079	2120330	2100107	2113505	0.55	cps
Calcium	43-1	13562562	13635030	13591966	13596519	0.27	cps
Calcium	44-1	221658597	220748663	222929723	221778994	0.49	cps
Carbon	12-1	5930628	5856590	5857441	5881553	0.72	cps
Carbon	12-2	45651	45320	45430	45467	0.37	cps
Chlorine	35-1	3411327	3150346	2993338	3185004	6.63	cps
Chlorine	35-2	10958	10941	10547	10815	2.15	cps
Chromium	52-2	1936315	1941554	1917555	1931808	0.65	cps
Cobalt	59-2	3475117	3444459	3501794	3473790	0.83	cps
Copper	63-2	25783594	25539015	25864164	25728924	0.66	cps
Dysprosium	156-1	480	543	487	503	6.91	cps
Dysprosium	156-2	130	130	110	123	9.36	cps
Erbium	164-1	610	413	543	522	19.15	cps
Erbium	164-2	140	80	117	112	26.95	cps
Gadolinium	160-1	420	433	440	431	2.36	cps
Gadolinium	160-2	103	117	97	106	9.65	cps
Holmium	165-1	21256061	21132972	21009754	21132929	0.58	cps
Holmium	165-2	6833461	6758078	6737408	6776316	0.75	cps
Indium	115-1	15667636	15710342	15685879	15687952	0.14	cps
Indium	115-2	1405970	1393938	1405792	1401900	0.49	cps
Iron	54-2	19096065	18957320	19038142	19030509	0.37	cps
Iron	56-2	348398248	348508555	348609928	348505577	0.03	cps
Iron	57-2	8698201	8690123	8817801	8735375	0.82	cps
Krypton	83-1	267	400	363	343	20.06	cps
Lead	206-1	34715987	35311087	34784409	34937161	0.93	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29374678	30241677	29849337	29821897	1.46	cps
Lead	208-1	137060799	139099988	137641797	137934195	0.76	cps
Lithium	6-1	7255592	6963486	6875751	7031609	2.83	cps
Magnesium	24-2	65719342	65343562	66572896	65878600	0.96	cps
Manganese	55-2	7741408	7682968	7700805	7708394	0.39	cps
Molybdenum	94-1	30228474	29811358	30112023	30050618	0.72	cps
Molybdenum	95-1	43761004	43518276	44028224	43769168	0.58	cps
Molybdenum	96-1	47658756	48170436	48608159	48145784	0.99	cps
Molybdenum	97-1	26973408	27246668	27240866	27153647	0.57	cps
Molybdenum	98-1	70951869	70645851	70654179	70750633	0.25	cps
Neodymium	150-1	627	700	793	707	11.82	cps
Neodymium	150-2	80	33	60	58	40.53	cps
Nickel	60-2	999002	1003610	1004519	1002377	0.30	cps
Phosphorus	31-2	34190	33819	33856	33955	0.60	cps
Potassium	39-2	18305118	18355478	18253794	18304797	0.28	cps
Rhodium	103-1	14024361	13967774	13909920	13967352	0.41	cps
Rhodium	103-2	5347667	5304365	5345619	5332551	0.46	cps
Scandium	45-1	10954176	10816650	10850333	10873720	0.66	cps
Scandium	45-2	213411	211208	213745	212788	0.65	cps
Selenium	82-1	119880	122701	119742	120774	1.38	cps
Selenium	77-2	2067	1984	1937	1996	3.30	cps
Selenium	78-2	7432	7155	7195	7261	2.06	cps
Silicon	28-1	7276802	7348956	7395203	7340320	0.81	cps
Silver	107-1	10501292	10519862	10396157	10472437	0.64	cps
Silver	109-1	9899053	9955792	9924582	9926475	0.29	cps
Sodium	23-2	132866161	129438961	130942681	131082601	1.31	cps
Strontium	86-1	2824556	2807666	2826947	2819723	0.37	cps
Strontium	88-1	24109047	24849127	24147629	24368601	1.71	cps
Sulfur	34-1	1520494	1566591	1532181	1539755	1.56	cps
Terbium	159-1	21758036	21602078	21363364	21574492	0.92	cps
Terbium	159-2	6508697	6497511	6549081	6518429	0.42	cps
Thallium	203-1	8626420	8654488	8562329	8614413	0.55	cps
Thallium	205-1	20461962	20327691	20214431	20334695	0.61	cps
Tin	118-1	6802489	7085609	6964520	6950873	2.04	cps
Titanium	47-1	13018179	12813176	12922385	12917913	0.79	cps
Uranium	238-1	27228025	27790065	27966052	27661381	1.39	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:49:27	DataFile Name :	076CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1491015	1473799	1488110	1484308	0.62	cps
Ytterbium	172-1	523	567	480	523	8.28	cps
Ytterbium	172-2	173	230	187	197	15.07	cps
Ytterbium	176-1	42699	43328	43762	43263	1.24	cps
Ytterbium	176-2	13367	13130	13410	13302	1.13	cps
Yttrium	89-1	27863646	27724062	27887758	27825155	0.32	cps
Yttrium	89-2	1941020	1942618	1973258	1952298	0.93	cps
Zinc	66-2	2864205	2866568	2839730	2856834	0.52	cps
Zirconium	90-1	15231738	15163924	15291946	15229202	0.42	cps
Zirconium	91-1	3429613	3506151	3479895	3471886	1.12	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	177	140	162	12.04	cps
Antimony	121-1	2620	2704	2457	2594	4.84	cps
Arsenic	75-2	17	10	13	13	25.01	cps
Barium	135-1	953	753	630	779	20.95	cps
Barium	137-1	1713	1237	993	1315	27.86	cps
Beryllium	9-1	1755	1647	1640	1681	3.83	cps
Bismuth	209-1	14422027	14375451	14460080	14419186	0.29	cps
Bismuth	209-2	5382352	5314683	5365933	5354323	0.66	cps
Bromine	81-1	7962	7836	7746	7848	1.39	cps
Cadmium	108-1	37	77	57	57	35.29	cps
Cadmium	106-1	8263	8022	7872	8052	2.44	cps
Cadmium	111-1	6075	5782	5684	5847	3.48	cps
Calcium	43-1	1230	1047	853	1043	18.05	cps
Calcium	44-1	41874	37054	36395	38441	7.78	cps
Carbon	12-1	4261374	4130652	4159032	4183686	1.64	cps
Carbon	12-2	28060	27907	27042	27669	1.98	cps
Chlorine	35-1	1833484	1738745	1660730	1744320	4.96	cps
Chlorine	35-2	6545	6258	6118	6307	3.45	cps
Chromium	52-2	873	927	930	910	3.49	cps
Cobalt	59-2	227	223	203	218	5.79	cps
Copper	63-2	3911	4004	3894	3936	1.51	cps
Dysprosium	156-1	20	20	27	22	17.33	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	127	117	127	123	4.68	cps
Erbium	164-2	47	37	40	41	12.39	cps
Gadolinium	160-1	140	100	147	129	19.58	cps
Gadolinium	160-2	17	13	23	18	28.64	cps
Holmium	165-1	22725074	22432281	22418414	22525256	0.77	cps
Holmium	165-2	7175112	7207068	7202265	7194815	0.24	cps
Indium	115-1	18117257	17931256	18056234	18034916	0.53	cps
Indium	115-2	1685243	1678464	1672744	1678817	0.37	cps
Iron	54-2	913	1020	830	921	10.34	cps
Iron	56-2	15857	14464	13263	14528	8.94	cps
Iron	57-2	420	360	277	352	20.44	cps
Krypton	83-1	310	293	307	303	2.91	cps
Lead	206-1	7189	6825	5938	6651	9.67	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6332	5851	5104	5762	10.73	cps
Lead	208-1	29260	26297	23332	26296	11.27	cps
Lithium	6-1	7979089	7857988	7847752	7894943	0.93	cps
Magnesium	24-2	3144	2737	2767	2883	7.86	cps
Manganese	55-2	483	613	533	543	12.07	cps
Molybdenum	94-1	3114	2354	2097	2521	20.97	cps
Molybdenum	95-1	3807	2840	2457	3035	22.93	cps
Molybdenum	96-1	4081	3317	2690	3363	20.71	cps
Molybdenum	97-1	2304	1787	1530	1873	21.03	cps
Molybdenum	98-1	5971	4584	3761	4772	23.41	cps
Neodymium	150-1	10	27	10	16	61.87	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1013	1040	1003	1019	1.86	cps
Phosphorus	31-2	63	60	67	63	5.27	cps
Potassium	39-2	21920	21549	20695	21388	2.94	cps
Rhodium	103-1	16853862	16570028	16336453	16586781	1.56	cps
Rhodium	103-2	6199371	6156419	6191495	6182428	0.37	cps
Scandium	45-1	11723573	11510512	11872341	11702142	1.55	cps
Scandium	45-2	223589	225021	224540	224383	0.32	cps
Selenium	82-1	-63	33	-7	-12	-397.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	710349	695637	680378	695455	2.15	cps
Silver	107-1	2007	1670	1487	1721	15.33	cps
Silver	109-1	1760	1553	1303	1539	14.86	cps
Sodium	23-2	182691	179600	177228	179840	1.52	cps
Strontium	86-1	700	663	693	686	2.85	cps
Strontium	88-1	2107	1703	1537	1782	16.45	cps
Sulfur	34-1	775540	782005	783508	780351	0.54	cps
Terbium	159-1	22997679	22818530	23034978	22950396	0.50	cps
Terbium	159-2	6917172	6924837	6887409	6909806	0.29	cps
Thallium	203-1	1910	1757	1523	1730	11.26	cps
Thallium	205-1	4771	4267	3837	4292	10.89	cps
Tin	118-1	2410	2250	2070	2244	7.58	cps
Titanium	47-1	1410	1153	797	1120	27.50	cps
Uranium	238-1	2180	1420	1220	1607	31.53	cps

LB Number :	LB134654	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2025-02-07 18:52:13	DataFile Name :	077CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50	43	33	42	19.87	cps
Ytterbium	172-1	100	87	157	114	32.48	cps
Ytterbium	172-2	37	47	37	40	14.43	cps
Ytterbium	176-1	2030	1987	2157	2058	4.29	cps
Ytterbium	176-2	270	233	350	284	20.97	cps
Yttrium	89-1	29870104	30176950	29986595	30011216	0.52	cps
Yttrium	89-2	2104012	2102783	2084957	2097251	0.51	cps
Zinc	66-2	257	267	247	257	3.90	cps
Zirconium	90-1	2294	2004	1780	2026	12.71	cps
Zirconium	91-1	497	433	407	446	10.37	cps