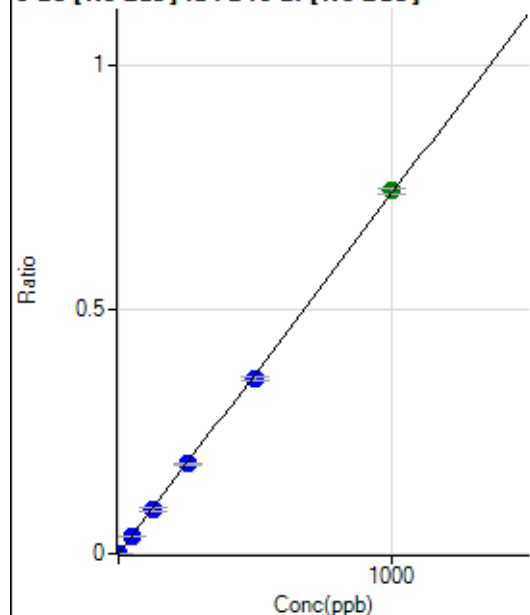


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020325MS.b\
Analysis File: P8020325MS.batch.bin
DA Date-Time: 2025-02-05 12:54:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-03 15:40:45
2	005CALS.d	S02	2025-02-03 15:44:12
3	006CALB.d	S03	2025-02-03 15:47:42
4	007CALS.d	S04	2025-02-03 15:51:07
5	008CALS.d	S05	2025-02-03 15:54:26
6	009CALS.d	S06	2025-02-03 15:57:36
7	010CALS.d	S07	2025-02-03 16:00:42
8	011CALS.d	S08	2025-02-03 16:03:43

Calibration for 010CAL5.d

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	123.32	0.0001	P	16.3
2	☐	1.000	1.038	1215.32	0.0008	P	3.3
3	☐	50.000	48.224	51734.02	0.0356	P	1.5
4	☐	125.000	121.585	128831.57	0.0896	P	6.8
5	☐	250.000	249.539	252405.47	0.1839	P	2.0
6	☐	500.000	484.731	490050.92	0.3571	P	2.0
7	☐	1000.000	1008.266	1009872.19	0.7427	A	1.4
8	☐			478.70	0.0004	P	6.4

$$y = 7.3648E-004 * x + 8.5539E-005$$

R = 0.9998

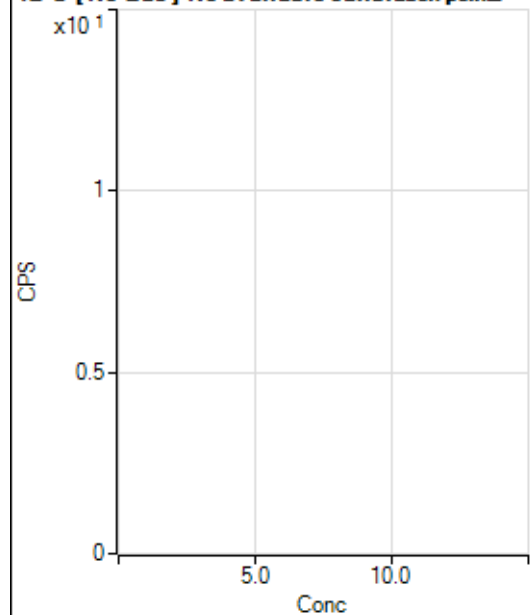
DL = 0.05694

BEC = 0.1161

Weight: <None>

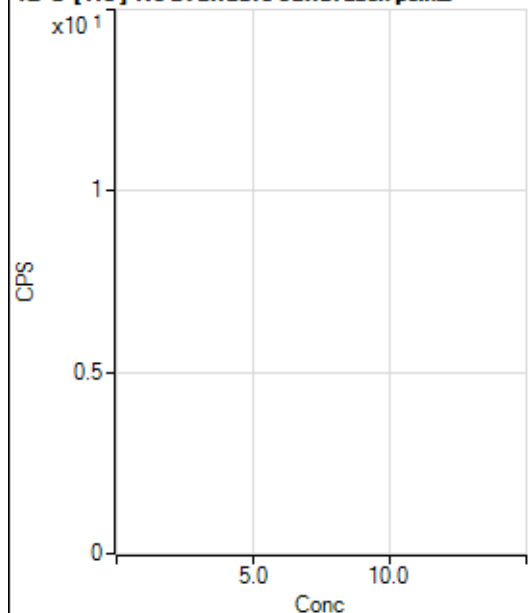
Min Conc: 0

12 C [No Gas] No available calibration points



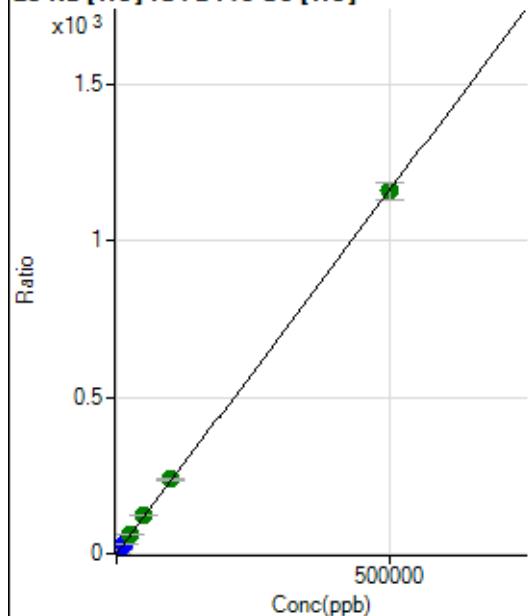
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			781624.23		P	0.4
2	☐			828056.89		P	0.5
3	☐			813525.89		P	0.2
4	☐			765060.57		M	7.7
5	☐			755597.29		A	0.6
6	☐			801656.74		A	2.2
7	☐			939198.71		A	3.6
8	☐			766852.85		M	6.2

12 C [He] No available calibration points



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4559.64		P	2.3
2	☐			4815.27		P	1.3
3	☐			4522.96		P	3.2
4	☐			5076.48		P	2.1
5	☐			5286.56		P	0.6
6	☐			5884.57		P	1.0
7	☐			7020.63		P	0.2
8	☐			6003.50		P	3.0

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11195.48	0.3186	P	4.0
2	☐	500.000	513.001	52354.52	1.5109	P	3.4
3	☐	5000.000	5451.746	407222.92	12.9885	P	10.6
4	☐	12500.000	12435.313	997797.51	29.2183	P	1.4
5	☐	25000.000	25977.635	2098662.29	60.6907	A	1.2
6	☐	50000.000	53002.344	4097503.45	123.4962	A	1.0
7	☐	100000.00	101963.45	8161250.36	237.2819	A	4.7
8	☐	500000.00	499255.28	32095323.9	1,160.588	A	4.6

$$y = 0.0023 * x + 0.3186$$

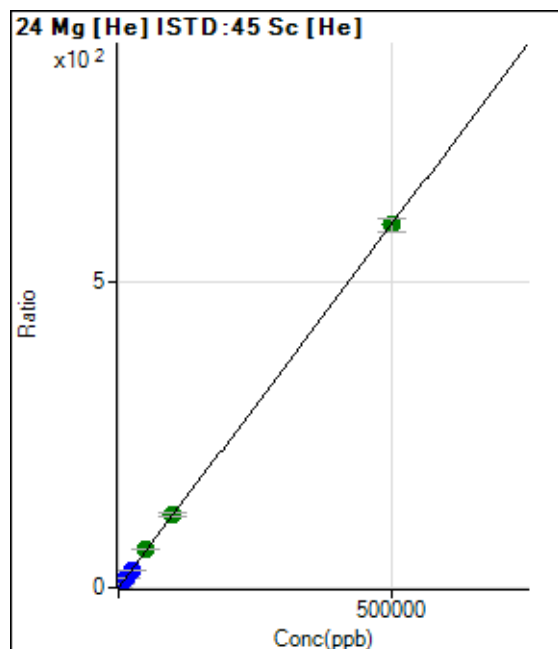
$$R = 1.0000$$

$$DL = 16.4$$

$$BEC = 137.1$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	507.79	0.0145	P	6.3
2	☐	500.000	535.787	22565.31	0.6514	P	4.8
3	☐	5000.000	5466.593	204218.93	6.5132	P	10.6
4	☐	12500.000	12456.343	506159.93	14.8228	P	2.0
5	☐	25000.000	24246.217	997224.86	28.8388	P	1.4
6	☐	50000.000	52772.364	2081924.99	62.7513	A	1.6
7	☐	100000.00	100422.88	4106614.76	119.3991	A	4.8
8	☐	500000.00	499672.26	16429335.1	594.0344	A	3.9

$$y = 0.0012 * x + 0.0145$$

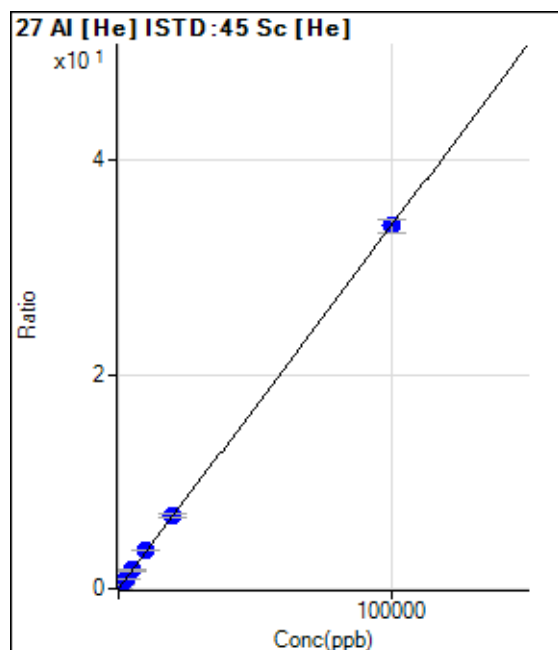
R = 1.0000

DL = 2.296

BEC = 12.16

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0002	P	91.1
2	☐	20.000	22.327	267.78	0.0077	P	5.9
3	☐	1000.000	1121.252	11918.31	0.3800	P	10.2
4	☐	2500.000	2541.670	29408.63	0.8613	P	2.4
5	☐	5000.000	5046.366	59123.82	1.7099	P	2.2
6	☐	10000.000	10428.845	117232.74	3.5334	P	1.1
7	☐	20000.000	20160.051	234953.50	6.8303	P	4.3
8	☐	100000.00	99920.532	936301.87	33.8531	P	3.8

$$y = 3.3880E-004 * x + 1.5704E-004$$

R = 1.0000

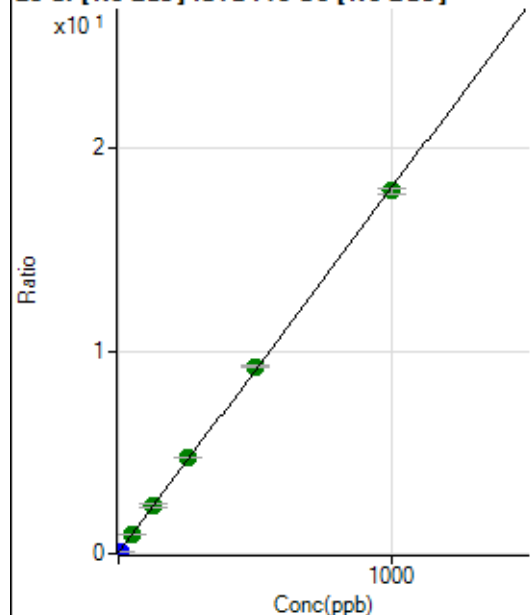
DL = 1.266

BEC = 0.4635

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118842.56	0.0538	P	0.7
2	☐	10.000	0.391	133661.58	0.0609	P	1.9
3	☐	50.000	50.343	2150870.54	0.9595	A	3.4
4	☐	125.000	127.353	5238788.88	2.3450	A	7.1
5	☐	250.000	260.486	10144247.4	4.7401	A	1.3
6	☐	500.000	510.445	19902687.9	9.2370	A	1.2
7	☐	1000.000	991.941	39272683.5	17.8994	A	1.7
8	☐			160728.45	0.0866	P	5.1

$$y = 0.0180 * x + 0.0538$$

R = 0.9998

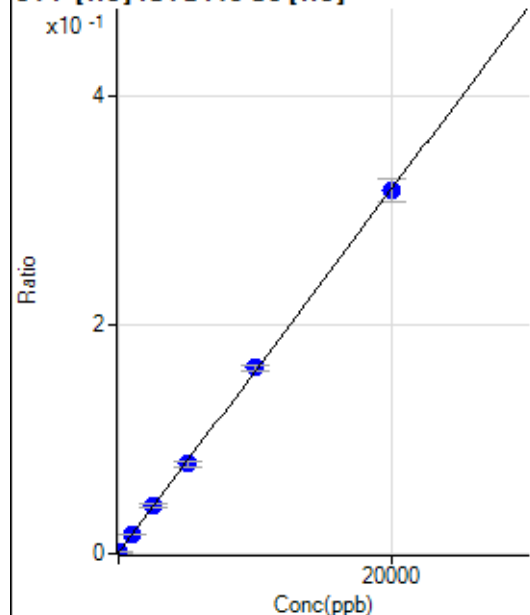
DL = 0.06209

BEC = 2.992

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-27.486	11.11	0.0003	P	92.3
2	☐	0.000	27.486	41.11	0.0012	P	27.1
3	☐	1000.000	1002.980	524.46	0.0167	P	8.6
4	☐	2500.000	2602.509	1436.75	0.0421	P	5.5
5	☐	5000.000	4912.318	2722.50	0.0788	P	6.2
6	☐	10000.000	10205.614	5402.17	0.1628	P	3.0
7	☐	20000.000	19906.151	10893.06	0.3169	P	6.3
8	☐			17.78	0.0006	P	8.1

$$y = 1.5880E-005 * x + 7.5214E-004$$

R = 0.9999

DL = 57.93

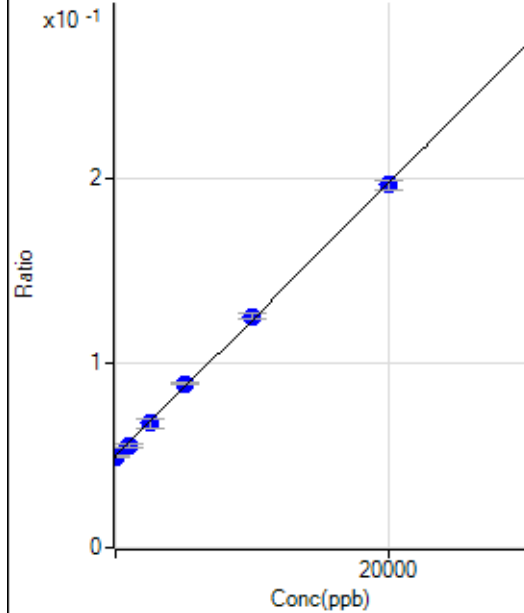
BEC = 47.36

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	31.821	109509.89	0.0496	P	0.4
2	☐	0.000	-31.821	107876.62	0.0491	P	2.1
3	☐	1000.000	826.608	124357.92	0.0555	P	3.5
4	☐	2500.000	2401.815	149986.76	0.0671	P	7.1
5	☐	5000.000	5319.851	189893.49	0.0887	P	1.5
6	☐	10000.000	10233.983	269517.11	0.1251	P	2.0
7	☐	20000.000	19823.988	430157.10	0.1961	P	2.4
8	☐			94533.50	0.0510	P	0.5

$$y = 7.4003E-006 * x + 0.0494$$

R = 0.9996

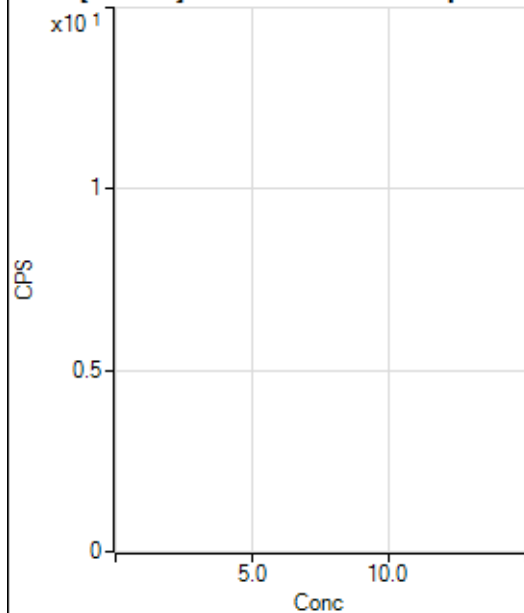
DL = 250.2

BEC = 6670

Weight: <None>

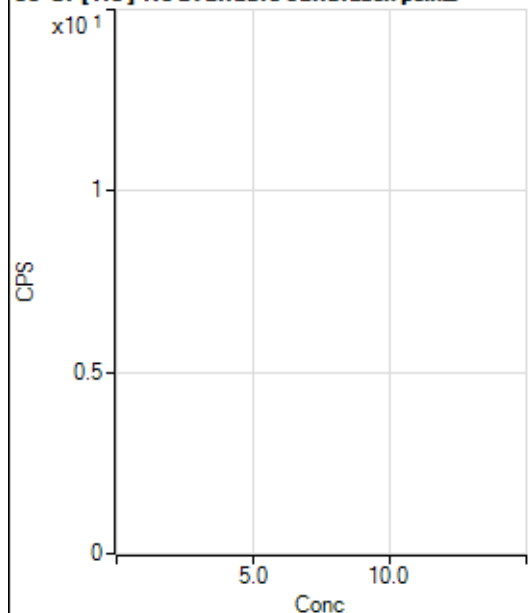
Min Conc: 0

35 Cl [No Gas] No available calibration points



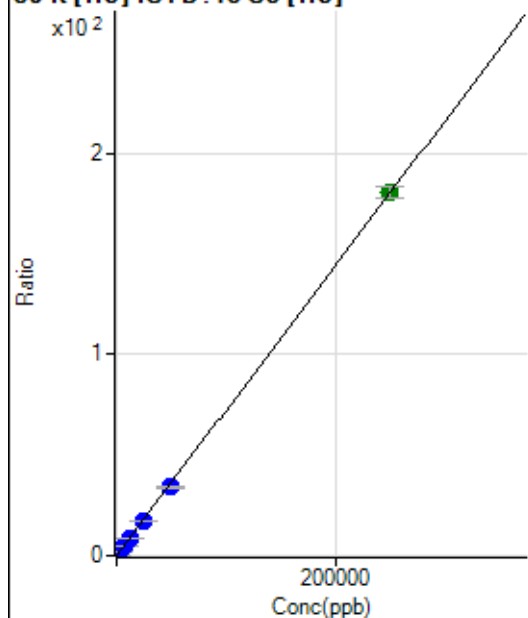
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			144995.15		P	0.6
2	☐			141578.18		P	0.1
3	☐			137511.36		P	0.8
4	☐			135089.87		P	0.7
5	☐			133037.74		P	0.1
6	☐			132927.88		P	1.0
7	☐			135734.80		P	1.2
8	☐			107580.35		P	3.9

35 Cl [He] No available calibration points



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			517.79		P	6.7
2	☐			570.02		P	4.2
3	☐			513.35		P	3.6
4	☐			517.79		P	8.2
5	☐			523.35		P	8.6
6	☐			507.79		P	1.7
7	☐			515.57		P	4.9
8	☐			377.79		P	4.2

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3338.20	0.0950	P	4.5
2	☐	500.000	497.963	15701.97	0.4531	P	3.0
3	☐	2500.000	2648.906	62668.47	2.0001	P	11.6
4	☐	6250.000	6003.622	150684.58	4.4129	P	2.1
5	☐	12500.000	11675.998	293667.77	8.4925	P	1.2
6	☐	25000.000	24236.505	581493.71	17.5261	P	0.8
7	☐	50000.000	47200.428	1170878.48	34.0420	P	4.7
8	☐	250000.00	250682.13	4989548.64	180.3878	A	3.2

$$y = 7.1921E-004 * x + 0.0950$$

$$R = 0.9999$$

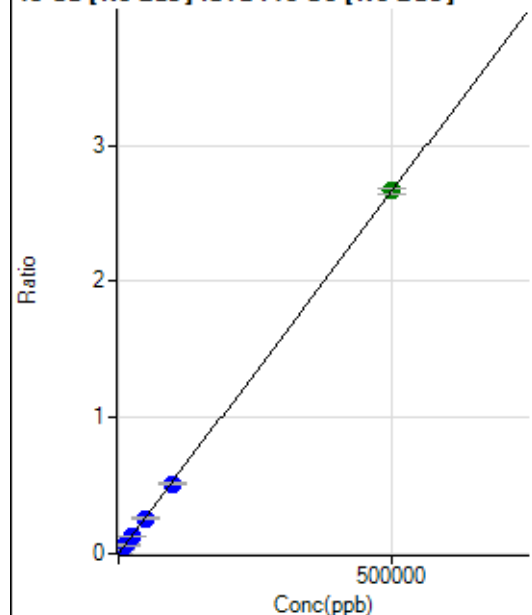
$$DL = 17.7$$

$$BEC = 132.1$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0001	P	15.4
2	☐	500.000	536.275	6450.39	0.0029	P	3.7
3	☐	5000.000	4722.461	56542.73	0.0252	P	2.5
4	☐	12500.000	11978.779	142594.66	0.0638	P	7.5
5	☐	25000.000	24853.222	283258.34	0.1324	P	1.8
6	☐	50000.000	48705.679	558694.78	0.2593	P	2.0
7	☐	100000.00	95910.320	1120120.23	0.5106	P	2.4
8	☐	500000.00	500970.47	4941841.25	2.6664	A	1.5

$$y = 5.3224\text{E-}006 * x + 8.3557\text{E-}005$$

R = 1.0000

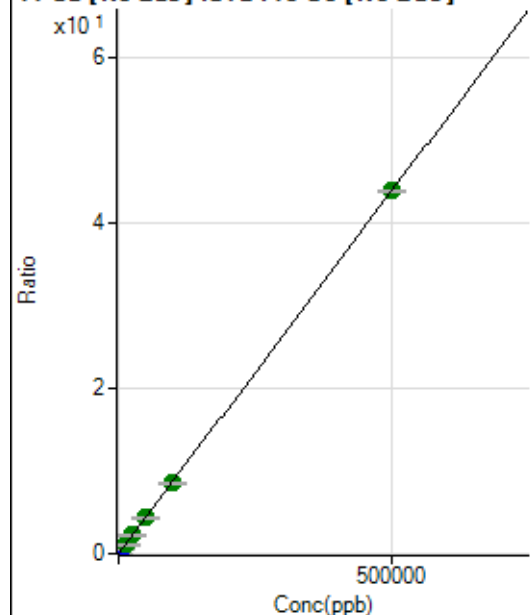
DL = 7.258

BEC = 15.7

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2013.49	0.0009	P	5.2
2	☐	500.000	518.626	101780.01	0.0463	P	1.2
3	☐	5000.000	4686.865	922455.30	0.4115	P	2.8
4	☐	12500.000	12254.272	2398954.13	1.0743	A	8.4
5	☐	25000.000	25335.773	4751581.25	2.2202	A	1.6
6	☐	50000.000	49210.156	9289443.47	4.3115	A	1.9
7	☐	100000.00	97789.688	18793367.6	8.5669	A	3.3
8	☐	500000.00	500513.51	81257971.0	43.8437	A	0.6

$$y = 8.7596\text{E-}005 * x + 9.1200\text{E-}004$$

R = 1.0000

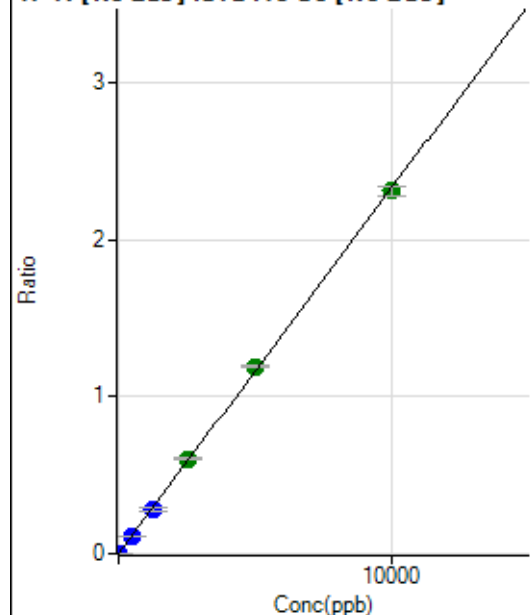
DL = 1.628

BEC = 10.41

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.56	0.0000	P	41.7
2	☐	5.000	5.283	2745.85	0.0013	P	5.1
3	☐	500.000	473.682	247289.23	0.1103	P	3.2
4	☐	1250.000	1202.745	625623.90	0.2801	P	7.3
5	☐	2500.000	2592.323	1291792.27	0.6036	A	2.2
6	☐	5000.000	5120.384	2569040.12	1.1922	A	1.0
7	☐	10000.000	9923.950	5069355.31	2.3107	A	2.8
8	☐			906.71	0.0005	P	7.2

$$y = 2.3284E-004 * x + 2.0634E-005$$

$$R = 0.9998$$

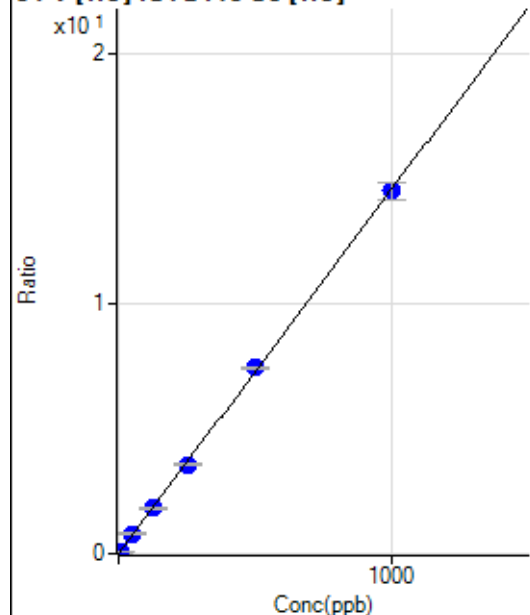
$$DL = 0.1108$$

$$BEC = 0.08862$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0001	P	173.2
2	☐	5.000	5.174	2620.27	0.0756	P	4.3
3	☐	50.000	54.710	25036.46	0.7983	P	10.1
4	☐	125.000	124.284	61919.61	1.8134	P	2.3
5	☐	250.000	245.085	123655.06	3.5758	P	0.7
6	☐	500.000	510.181	246966.72	7.4435	P	0.6
7	☐	1000.000	995.992	499841.91	14.5314	P	4.5
8	☐			124.45	0.0045	P	7.6

$$y = 0.0146 * x + 9.5679E-005$$

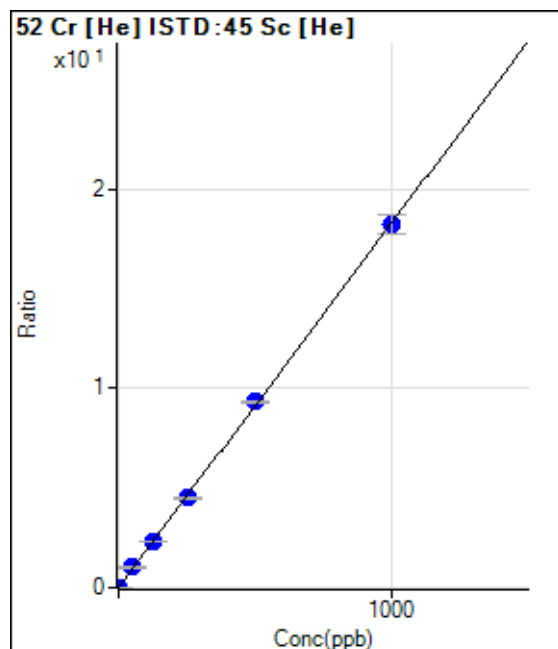
$$R = 0.9999$$

$$DL = 0.03408$$

$$BEC = 0.006558$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0049	P	29.2
2	☐	2.000	2.079	1485.65	0.0429	P	8.8
3	☐	50.000	55.391	31904.46	1.0178	P	10.9
4	☐	125.000	126.171	78948.36	2.3121	P	2.3
5	☐	250.000	246.366	155957.78	4.5100	P	1.1
6	☐	500.000	509.981	309564.97	9.3304	P	1.2
7	☐	1000.000	995.502	626199.38	18.2087	P	5.2
8	☐			1266.74	0.0458	P	1.2

$$y = 0.0183 * x + 0.0049$$

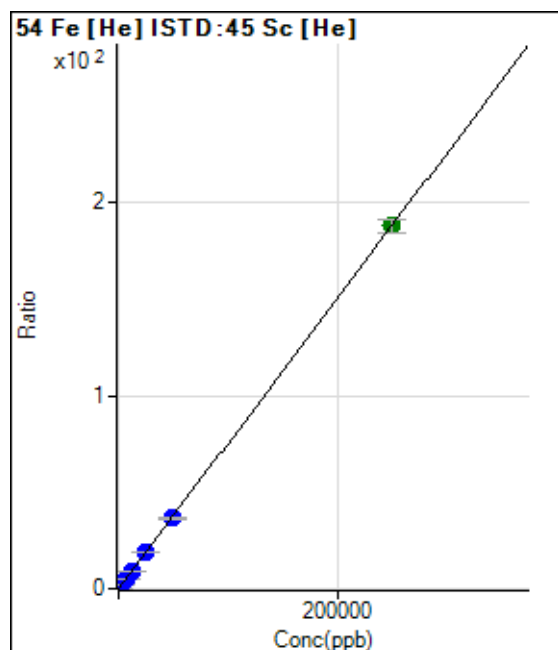
$$R = 0.9999$$

$$DL = 0.2352$$

$$BEC = 0.2685$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.11	0.0057	P	6.2
2	☐	50.000	53.821	1599.00	0.0462	P	5.3
3	☐	2500.000	2754.058	65088.34	2.0756	P	10.3
4	☐	6250.000	6244.624	160464.84	4.6990	P	1.8
5	☐	12500.000	12185.292	316900.86	9.1639	P	0.5
6	☐	25000.000	25041.718	624635.48	18.8264	P	0.7
7	☐	50000.000	48504.083	1254028.04	36.4601	P	4.7
8	☐	250000.00	250308.34	5203180.86	188.1311	A	3.8

$$y = 7.5157E-004 * x + 0.0057$$

$$R = 1.0000$$

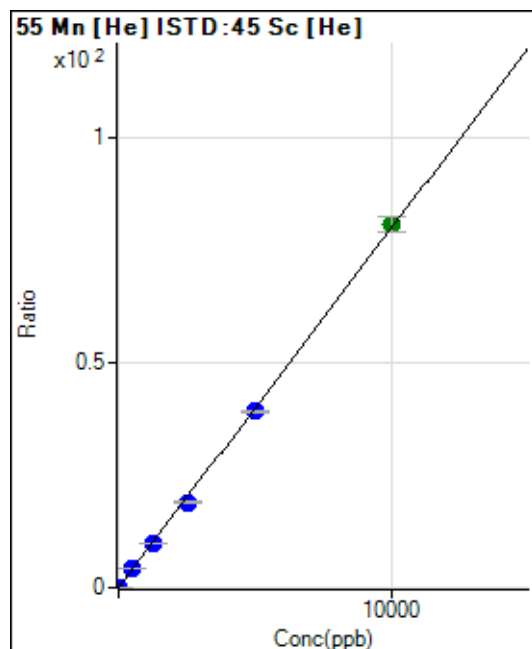
$$DL = 1.411$$

$$BEC = 7.61$$

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	337.79	0.0096	P	5.2
2	☐	1.000	0.783	550.02	0.0159	P	7.9
3	☐	500.000	533.836	133899.27	4.2687	P	9.9
4	☐	1250.000	1217.373	331997.07	9.7222	P	1.8
5	☐	2500.000	2377.094	656151.20	18.9749	P	1.1
6	☐	5000.000	4891.606	1295185.33	39.0366	P	0.8
7	☐	10000.000	10087.310	2768743.01	80.4897	A	4.4
8	☐			1048.94	0.0379	P	6.7

$$y = 0.0080 * x + 0.0096$$

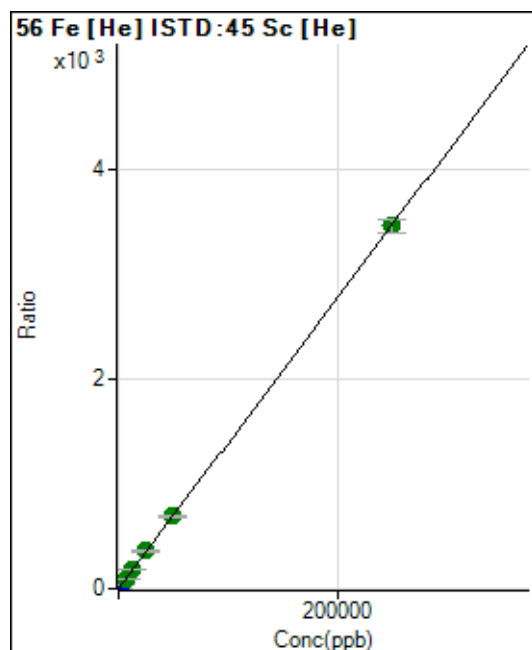
$$R = 0.9998$$

$$DL = 0.1865$$

$$BEC = 1.205$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3381.54	0.0962	P	3.3
2	☐	50.000	52.385	28486.24	0.8223	P	4.1
3	☐	2500.000	2718.132	1184248.66	37.7700	P	10.5
4	☐	6250.000	6483.812	3071930.89	89.9629	A	2.1
5	☐	12500.000	12659.553	6070791.37	175.5596	A	1.2
6	☐	25000.000	25900.201	11913587.1	359.0771	A	1.1
7	☐	50000.000	49766.529	23731447.9	689.8682	A	4.2
8	☐	250000.00	249940.66	95811568.5	3,464.313	A	3.9

$$y = 0.0139 * x + 0.0962$$

$$R = 1.0000$$

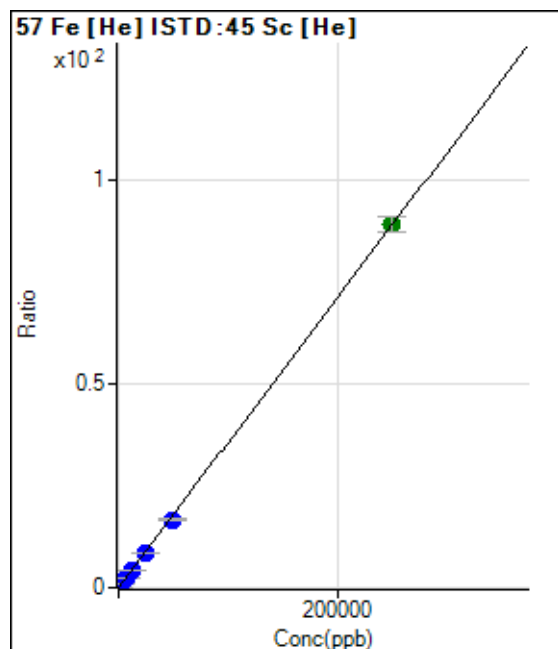
$$DL = 0.6843$$

$$BEC = 6.943$$

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0021	P	22.4
2	☐	50.000	54.280	738.92	0.0213	P	5.2
3	☐	2500.000	2644.165	29510.57	0.9410	P	10.3
4	☐	6250.000	6062.591	73587.22	2.1550	P	2.0
5	☐	12500.000	11871.339	145850.02	4.2178	P	1.2
6	☐	25000.000	24413.752	287713.89	8.6718	P	1.1
7	☐	50000.000	47157.264	576098.53	16.7484	P	4.5
8	☐	250000.00	250661.84	2461797.29	89.0165	A	4.2

$$y = 3.5512E-004 * x + 0.0021$$

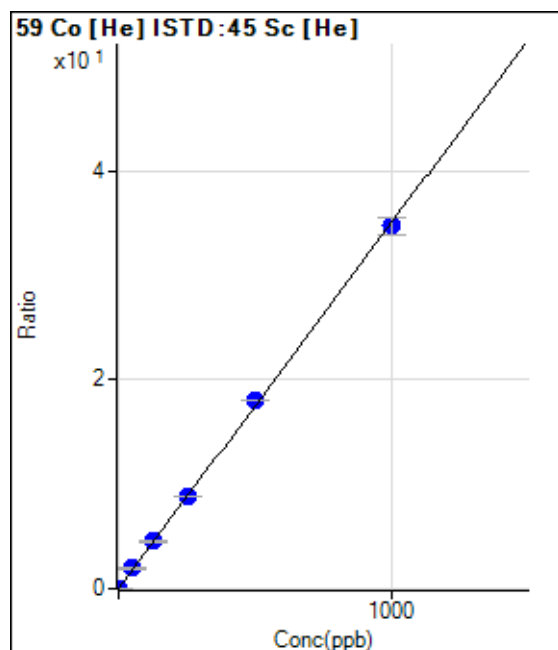
R = 0.9999

DL = 3.892

BEC = 5.791

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.33	0.0018	P	12.4
2	☐	1.000	1.033	1315.63	0.0380	P	6.3
3	☐	50.000	56.581	62236.23	1.9849	P	10.5
4	☐	125.000	129.432	154965.55	4.5382	P	2.1
5	☐	250.000	252.039	305535.59	8.8355	P	0.8
6	☐	500.000	514.313	598136.19	18.0278	P	0.7
7	☐	1000.000	991.450	1195293.72	34.7508	P	4.6
8	☐			2123.52	0.0767	P	2.4

$$y = 0.0350 * x + 0.0018$$

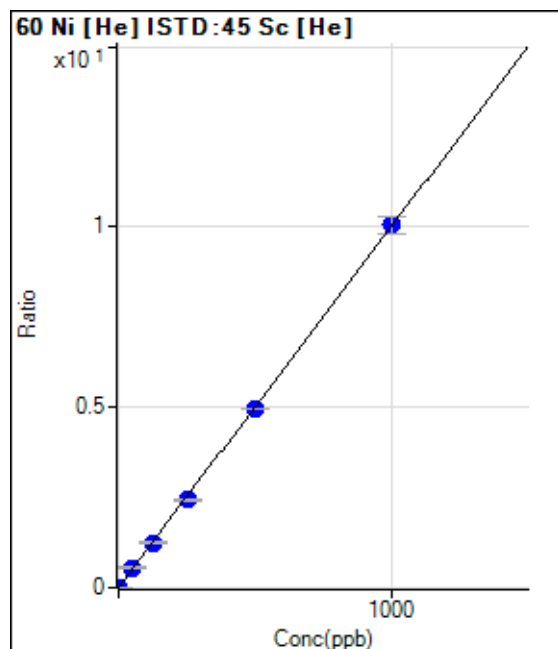
R = 0.9998

DL = 0.0191

BEC = 0.05135

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0071	P	8.6
2	☐	1.000	1.011	596.69	0.0172	P	4.5
3	☐	50.000	54.522	17340.67	0.5526	P	9.2
4	☐	125.000	124.006	42605.76	1.2478	P	2.5
5	☐	250.000	242.366	84090.85	2.4320	P	2.1
6	☐	500.000	495.321	164658.76	4.9628	P	0.5
7	☐	1000.000	1004.146	345797.19	10.0535	P	4.6
8	☐			1021.16	0.0369	P	7.6

$$y = 0.0100 * x + 0.0071$$

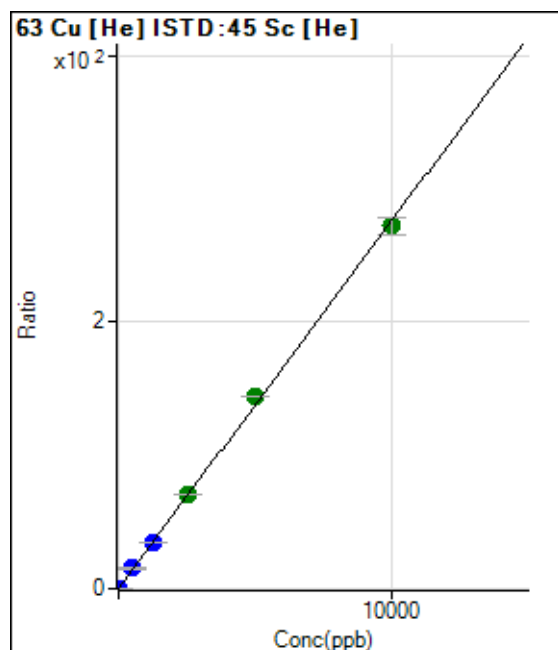
$$R = 0.9999$$

$$DL = 0.1825$$

$$BEC = 0.7107$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	735.59	0.0210	P	13.7
2	☐	2.000	2.085	2718.07	0.0785	P	5.8
3	☐	500.000	550.466	476831.93	15.2094	P	10.7
4	☐	1250.000	1248.477	1176989.52	34.4689	P	2.2
5	☐	2500.000	2570.764	2453633.42	70.9535	A	0.8
6	☐	5000.000	5224.552	4783645.52	144.1768	A	0.5
7	☐	10000.000	9867.700	9364344.24	272.2905	A	5.1
8	☐			1582.33	0.0573	P	9.2

$$y = 0.0276 * x + 0.0210$$

$$R = 0.9996$$

$$DL = 0.3111$$

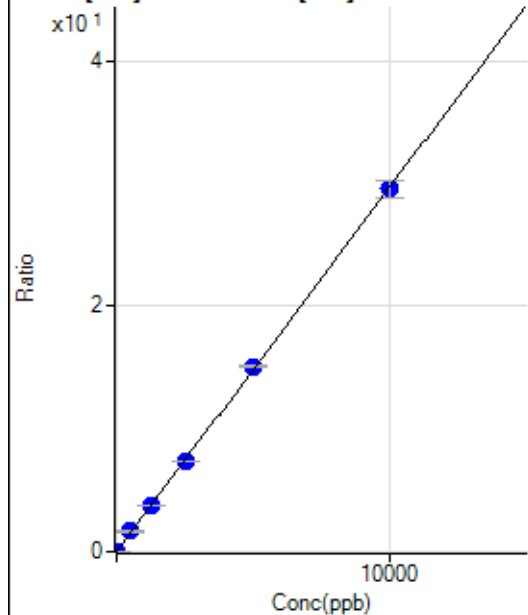
$$BEC = 0.7595$$

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0015	P	31.8
2	☐	2.000	5.272	593.35	0.0171	P	4.5
3	☐	500.000	558.195	51987.04	1.6583	P	10.7
4	☐	1250.000	1277.052	129482.24	3.7919	P	2.0
5	☐	2500.000	2471.139	253695.33	7.3360	P	0.2
6	☐	5000.000	5080.425	500354.51	15.0806	P	0.6
7	☐	10000.000	9960.711	1016959.88	29.5657	P	4.5
8	☐			483.35	0.0175	P	7.0

$$y = 0.0030 * x + 0.0015$$

$$R = 0.9999$$

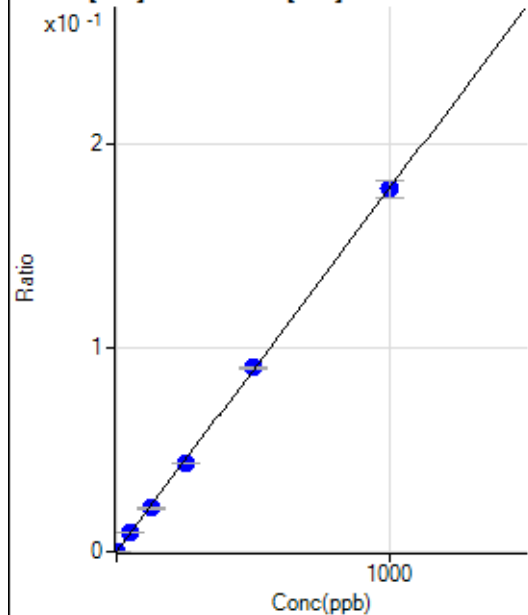
$$DL = 0.4763$$

$$BEC = 0.4995$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.904	60.00	0.0002	P	7.3
3	☐	50.000	53.103	3197.06	0.0094	P	7.8
4	☐	125.000	120.466	7814.45	0.0214	P	2.6
5	☐	250.000	245.010	16094.84	0.0436	P	0.5
6	☐	500.000	506.654	32254.64	0.0901	P	1.4
7	☐	1000.000	998.332	64368.20	0.1776	P	5.0
8	☐			28.89	0.0001	P	22.6

$$y = 1.7789E-004 * x + 0.0000E+000$$

$$R = 0.9999$$

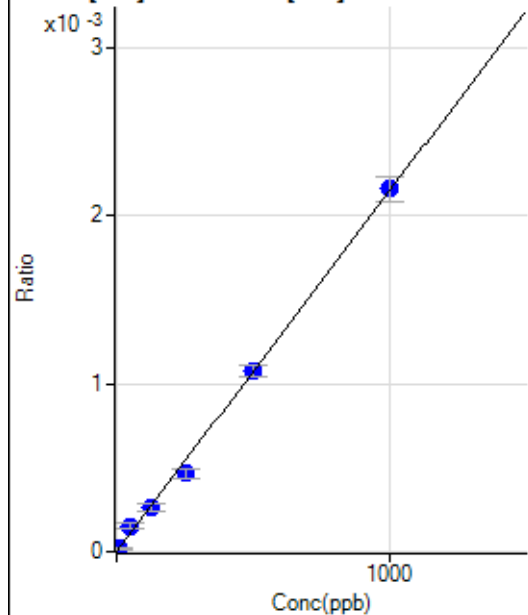
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	8.027	6.67	0.0000	P	129.2
3	☐	50.000	70.710	51.11	0.0002	P	23.5
4	☐	125.000	124.712	97.78	0.0003	P	18.1
5	☐	250.000	216.164	171.11	0.0005	P	13.5
6	☐	500.000	502.306	385.57	0.0011	P	6.8
7	☐	1000.000	1006.292	782.25	0.0022	P	6.7
8	☐			1.11	0.0000	P	173.2

$$y = 2.1456E-006 * x + 0.0000E+000$$

R = 0.9990

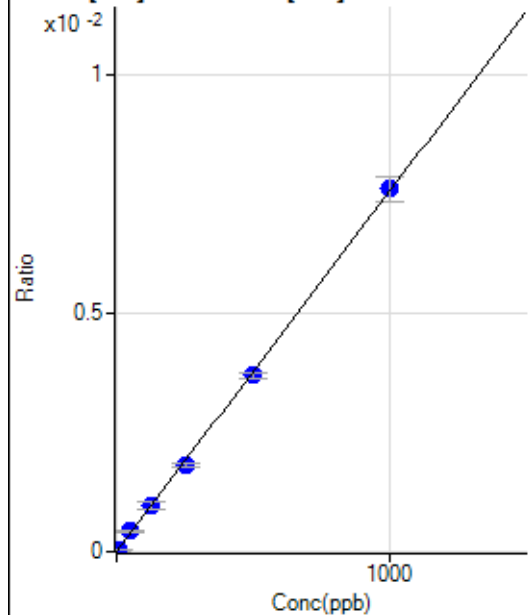
DL = 0

BEC = 0

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.760	14.44	0.0000	P	17.4
3	☐	50.000	56.114	145.56	0.0004	P	7.7
4	☐	125.000	126.892	351.12	0.0010	P	15.2
5	☐	250.000	238.657	666.69	0.0018	P	5.1
6	☐	500.000	490.765	1326.75	0.0037	P	3.3
7	☐	1000.000	1006.912	2754.74	0.0076	P	6.9
8	☐			0.00	0.0000	P	

$$y = 7.5493E-006 * x + 3.0030E-006$$

R = 0.9998

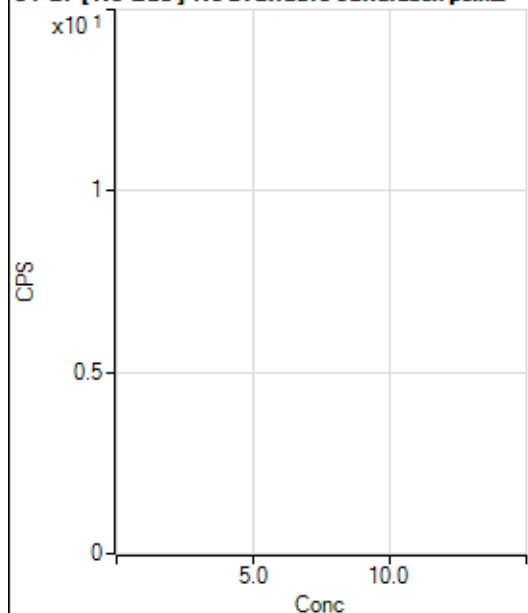
DL = 2.067

BEC = 0.3978

Weight: <None>

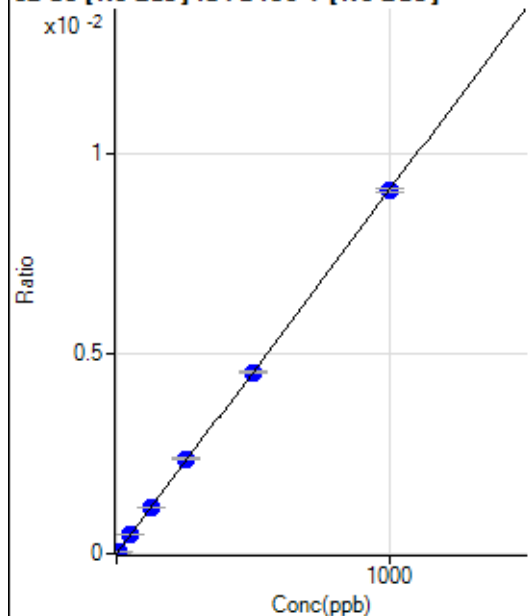
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1890.15		P	2.8
2	☐			1956.82		P	4.3
3	☐			1991.28		P	6.7
4	☐			1971.27		P	3.9
5	☐			2004.61		P	2.1
6	☐			1991.27		P	1.6
7	☐			1943.48		P	4.9
8	☐			2079.07		P	2.4

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-12.22	0.0000	P	-243.
2	☐	5.000	5.878	302.23	0.0001	P	16.7
3	☐	50.000	51.966	2847.00	0.0005	P	5.1
4	☐	125.000	126.812	6927.36	0.0011	P	4.0
5	☐	250.000	259.678	13774.68	0.0024	P	1.9
6	☐	500.000	499.254	26442.83	0.0045	P	1.1
7	☐	1000.000	997.625	53773.87	0.0091	P	1.2
8	☐			15.55	0.0000	P	163.2

$$y = 9.0818E-006 * x - 2.1075E-006$$

$$R = 1.0000$$

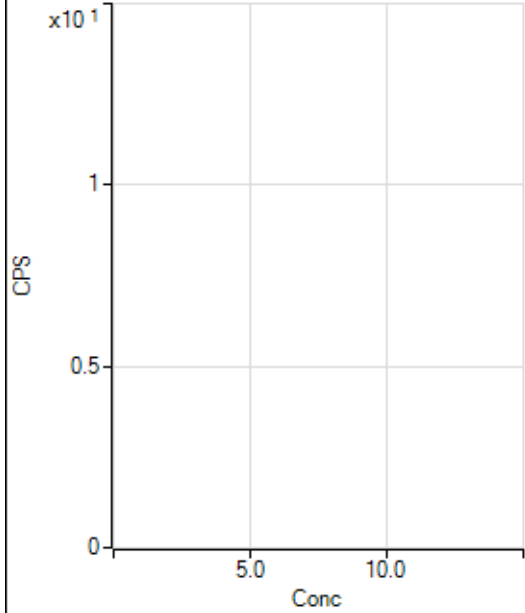
$$DL = 1.696$$

$$BEC = -0.2321$$

Weight: <None>

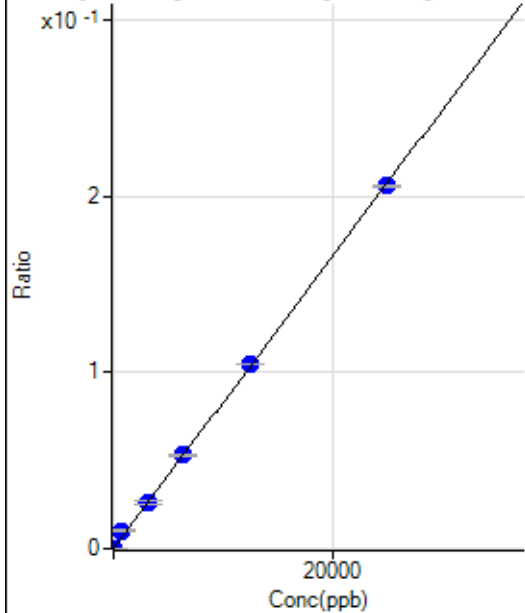
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			74.44		P	22.1
2	☐			61.11		P	44.1
3	☐			51.11		P	24.7
4	☐			58.89		P	41.0
5	☐			65.55		P	24.0
6	☐			63.33		P	10.5
7	☐			74.45		P	14.4
8	☐			71.11		P	10.8

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	5.2
2	☐	1.000	26.099	1408.98	0.0002	P	5.0
3	☐	625.000	1245.962	62537.82	0.0103	P	2.2
4	☐	3125.000	3122.249	155589.71	0.0259	P	7.0
5	☐	6250.000	6407.517	310077.80	0.0530	P	1.6
6	☐	12500.000	12647.932	610817.76	0.1047	P	0.9
7	☐	25000.000	24871.474	1221928.66	0.2058	P	0.6
8	☐			3320.43	0.0007	P	2.9

$$y = 8.2751E-006 * x + 2.2983E-005$$

$$R = 0.9997$$

$$DL = 0.4324$$

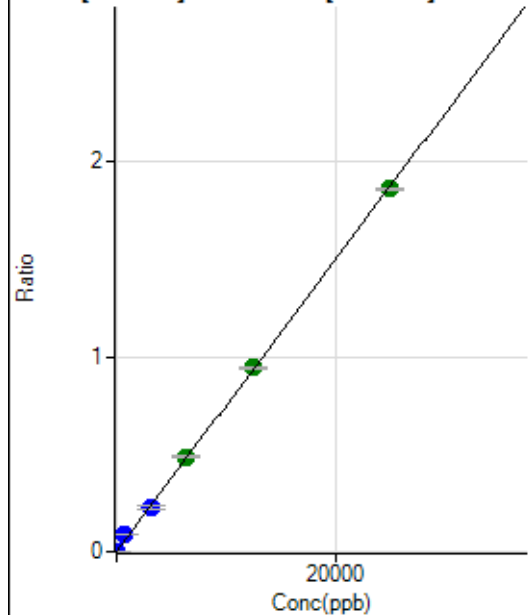
$$BEC = 2.777$$

Weight: <None>

Min Conc: 0

Calibration for 010CAL.S.d

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0001	P	14.6
2	☐	1.000	25.364	11522.59	0.0020	P	4.0
3	☐	625.000	1178.410	533786.71	0.0882	P	2.3
4	☐	3125.000	2988.849	1345036.01	0.2236	P	7.9
5	☐	6250.000	6520.823	2851833.78	0.4878	A	0.5
6	☐	12500.000	12606.195	5502359.02	0.9431	A	1.3
7	☐	25000.000	24882.379	11049730.1	1.8614	A	0.5
8	☐			29359.79	0.0058	P	0.7

$$y = 7.4804E-005 * x + 5.7997E-005$$

$$R = 0.9997$$

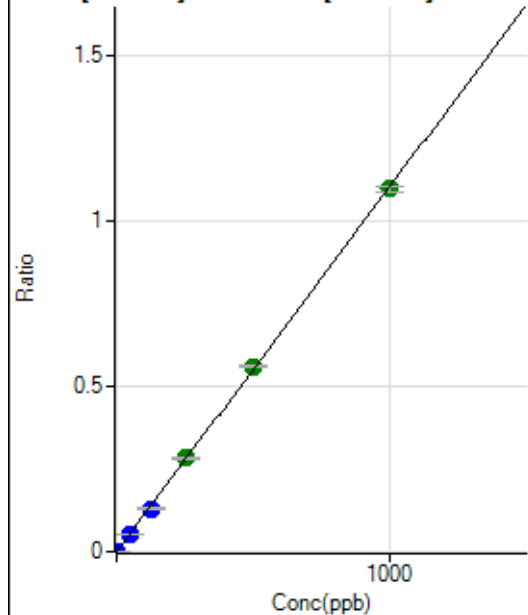
$$DL = 0.3394$$

$$BEC = 0.7753$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.78	0.0000	P	17.3
2	☐	1.000	0.986	6603.85	0.0011	P	3.8
3	☐	50.000	46.517	310942.84	0.0514	P	2.2
4	☐	125.000	118.212	785014.21	0.1305	P	8.0
5	☐	250.000	257.065	1659018.64	0.2838	A	1.4
6	☐	500.000	508.552	3275857.63	0.5614	A	0.9
7	☐	1000.000	994.980	6520898.38	1.0984	A	1.4
8	☐			9862.49	0.0020	P	2.3

$$y = 0.0011 * x + 3.1638E-005$$

$$R = 0.9999$$

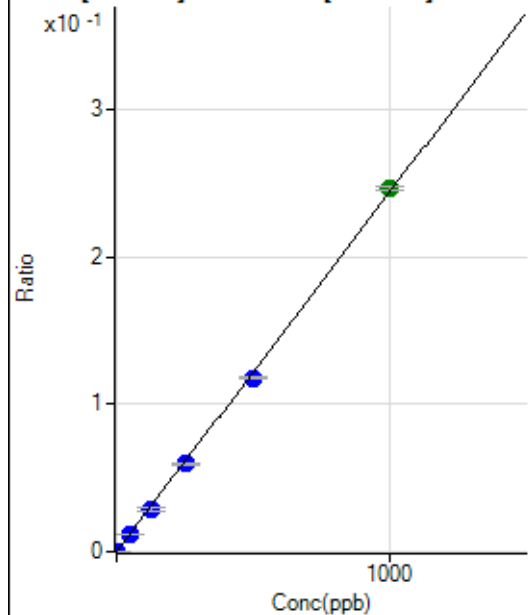
$$DL = 0.01483$$

$$BEC = 0.02866$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0000	P	20.8
2	☐	1.000	1.004	1494.54	0.0003	P	6.0
3	☐	50.000	46.631	68818.64	0.0114	P	1.9
4	☐	125.000	119.039	174510.56	0.0290	P	7.8
5	☐	250.000	244.706	348615.97	0.0596	P	1.1
6	☐	500.000	484.412	688763.48	0.1180	P	1.6
7	☐	1000.000	1010.031	1461137.46	0.2461	A	1.1
8	☐			2321.33	0.0005	P	2.5

$$y = 2.4367E-004 * x + 8.7839E-006$$

R = 0.9998

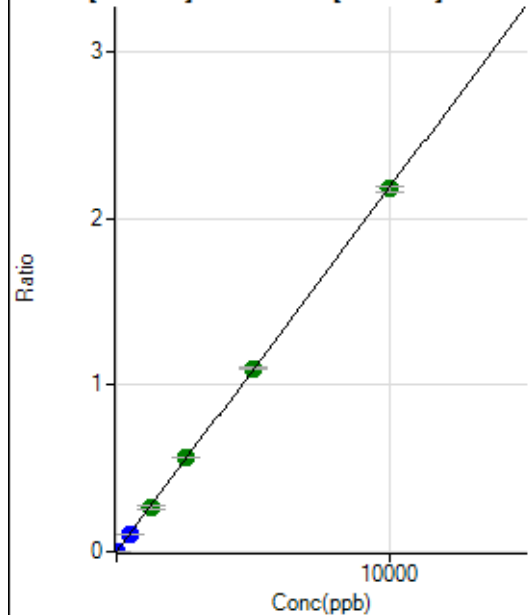
DL = 0.02245

BEC = 0.03605

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0000	P	14.8
2	☐	5.000	5.966	7772.23	0.0013	P	3.3
3	☐	500.000	468.855	619797.20	0.1024	P	2.1
4	☐	1250.000	1226.239	1610737.55	0.2678	A	8.1
5	☐	2500.000	2594.050	3312128.67	0.5666	A	0.9
6	☐	5000.000	5036.426	6418316.99	1.1000	A	0.9
7	☐	10000.000	9962.801	12917980.3	2.1760	A	1.6
8	☐			5237.71	0.0010	P	4.7

$$y = 2.1841E-004 * x + 1.5509E-005$$

R = 0.9999

DL = 0.03149

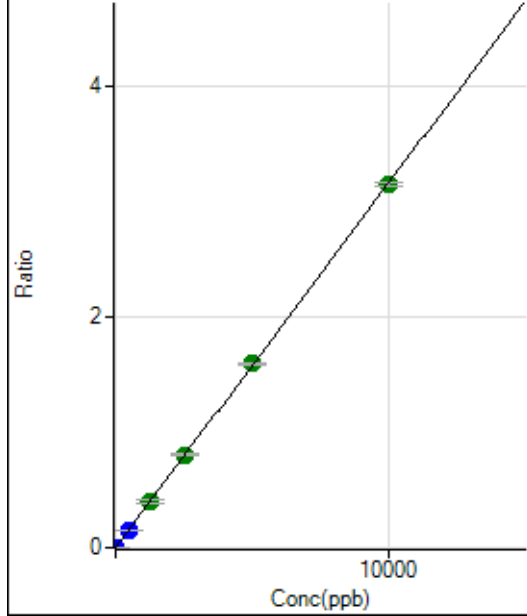
BEC = 0.07101

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.55	0.0000	P	35.9
2	☐	5.000	5.124	9591.17	0.0016	P	0.4
3	☐	500.000	465.743	889832.88	0.1470	P	2.1
4	☐	1250.000	1268.803	2408804.91	0.4005	A	8.0
5	☐	2500.000	2554.923	4714840.49	0.8065	A	1.1
6	☐	5000.000	5059.002	9318078.26	1.5970	A	0.8
7	☐	10000.000	9956.131	18657716.9	3.1429	A	0.9
8	☐			2852.55	0.0006	P	1.3

$$y = 3.1567E-004 * x + 9.3656E-006$$

$$R = 0.9999$$

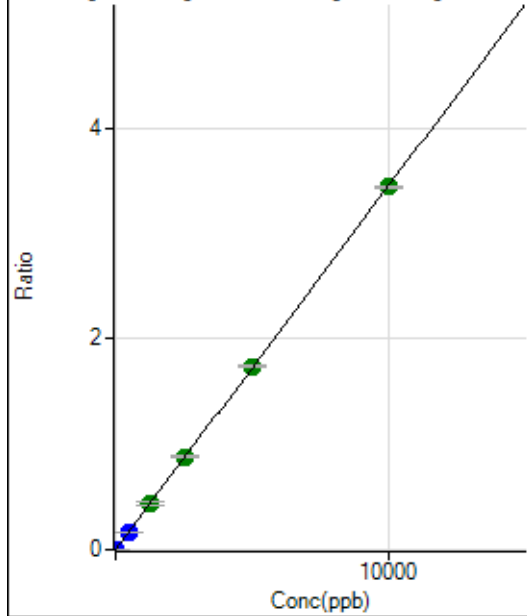
$$DL = 0.03194$$

$$BEC = 0.02967$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.22	0.0000	P	12.0
2	☐	5.000	5.165	10611.91	0.0018	P	2.4
3	☐	500.000	462.898	967259.46	0.1598	P	2.1
4	☐	1250.000	1251.909	2599829.79	0.4322	A	7.7
5	☐	2500.000	2543.291	5132825.34	0.8781	A	1.7
6	☐	5000.000	5033.604	10140053.3	1.7379	A	0.6
7	☐	10000.000	9973.992	20442359.1	3.4435	A	0.7
8	☐			5192.14	0.0010	P	7.3

$$y = 3.4525E-004 * x + 1.7160E-005$$

$$R = 1.0000$$

$$DL = 0.01785$$

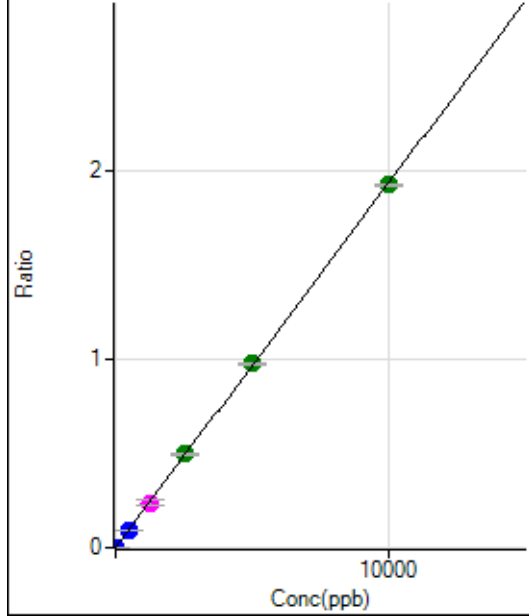
$$BEC = 0.0497$$

Weight: <None>

Min Conc: 0

Calibration for 010CAL5.d

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0000	P	13.9
2	☐	5.000	5.179	5954.67	0.0010	P	5.5
3	☐	500.000	470.618	551805.33	0.0912	P	2.4
4	☐	1250.000	1238.267	1442278.00	0.2399	M	9.2
5	☐	2500.000	2575.862	2917090.86	0.4990	A	1.8
6	☐	5000.000	5059.969	5719773.18	0.9803	A	1.2
7	☐	10000.000	9953.985	11448181.4	1.9285	A	0.5
8	☐			1739.02	0.0003	P	9.9

$$y = 1.9374\text{E-}004 * x + 7.1098\text{E-}006$$

$$R = 0.9999$$

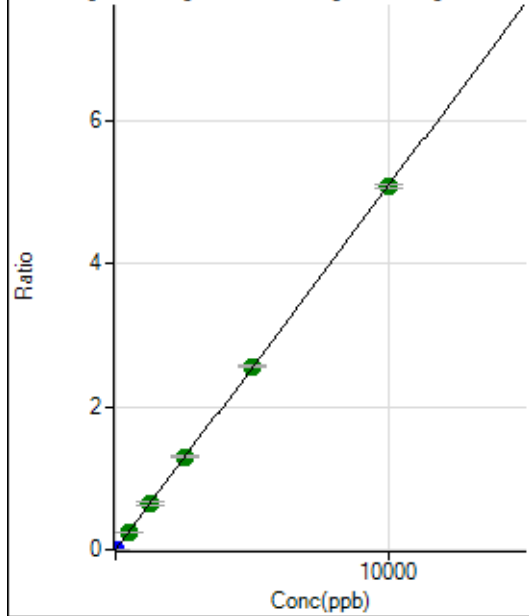
$$DL = 0.01529$$

$$BEC = 0.0367$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0000	P	8.7
2	☐	5.000	5.126	15484.28	0.0026	P	0.7
3	☐	500.000	488.422	1506891.47	0.2490	A	2.1
4	☐	1250.000	1252.865	3840223.07	0.6387	A	8.6
5	☐	2500.000	2556.344	7617889.82	1.3032	A	2.0
6	☐	5000.000	5042.382	14998909.3	2.5706	A	0.6
7	☐	10000.000	9964.944	30158463.4	5.0801	A	1.1
8	☐			4189.58	0.0008	P	6.4

$$y = 5.0980\text{E-}004 * x + 1.3460\text{E-}005$$

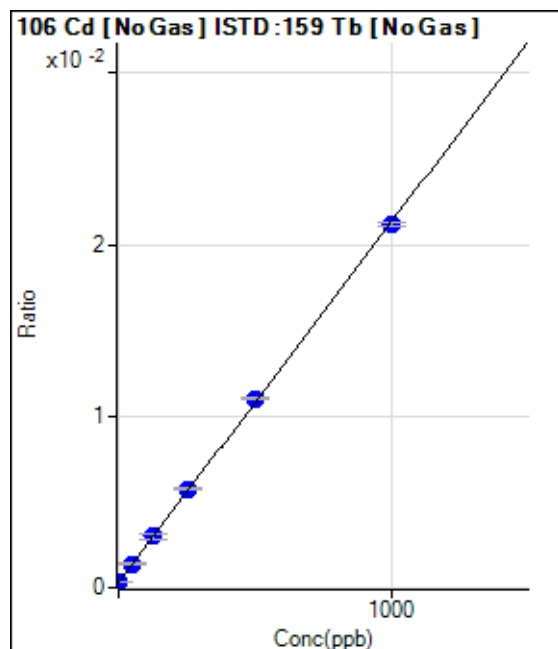
$$R = 1.0000$$

$$DL = 0.006893$$

$$BEC = 0.0264$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1378.97	0.0003	P	3.9
2	☐	1.000	0.971	1474.54	0.0003	P	6.8
3	☐	50.000	51.358	6478.24	0.0014	P	2.9
4	☐	125.000	127.369	13911.55	0.0030	P	8.2
5	☐	250.000	260.136	26110.27	0.0058	P	3.3
6	☐	500.000	509.889	49924.37	0.0110	P	1.3
7	☐	1000.000	992.158	97109.44	0.0212	P	1.1
8	☐			1198.96	0.0003	P	5.3

$$y = 2.1017\text{E-}005 * x + 3.0330\text{E-}004$$

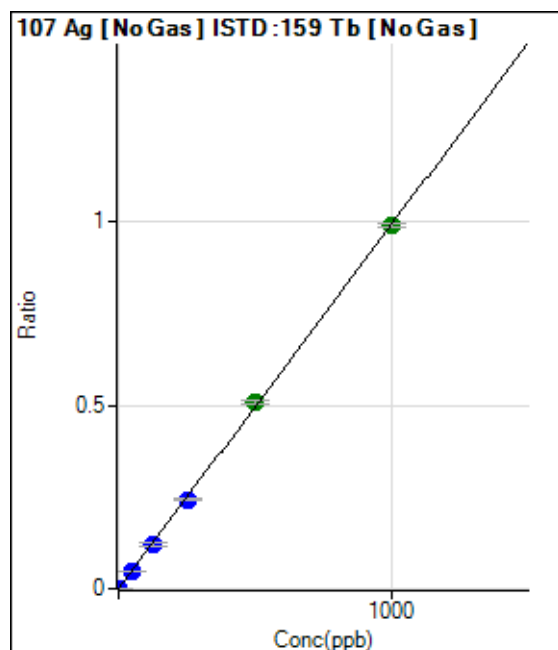
R = 0.9999

DL = 1.695

BEC = 14.43

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	12.0
2	☐	1.000	1.008	4588.59	0.0010	P	1.5
3	☐	50.000	47.350	220356.07	0.0470	P	2.6
4	☐	125.000	120.091	556647.16	0.1193	P	8.5
5	☐	250.000	244.150	1097168.04	0.2425	P	1.7
6	☐	500.000	511.872	2302813.70	0.5083	A	1.2
7	☐	1000.000	996.273	4541573.68	0.9894	A	1.1
8	☐			576.69	0.0001	P	19.1

$$y = 9.9307\text{E-}004 * x + 6.8417\text{E-}006$$

R = 0.9999

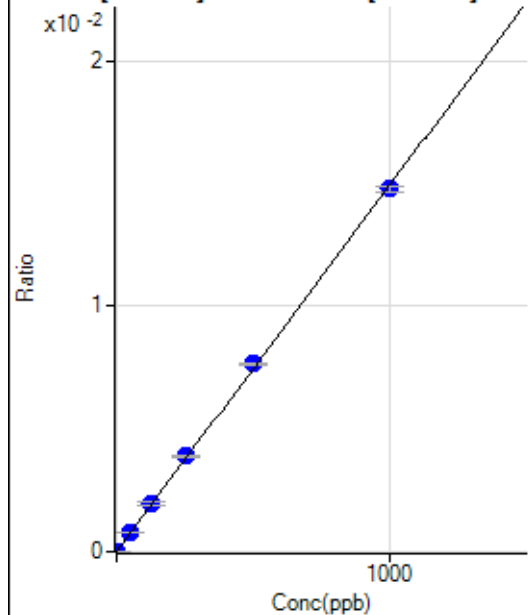
DL = 0.002478

BEC = 0.006889

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	34.5
2	☐	1.000	1.066	86.67	0.0000	P	34.1
3	☐	50.000	50.763	3560.50	0.0008	P	2.9
4	☐	125.000	130.030	9065.28	0.0019	P	7.6
5	☐	250.000	260.238	17567.96	0.0039	P	1.6
6	☐	500.000	512.000	34591.10	0.0076	P	0.7
7	☐	1000.000	990.774	67807.88	0.0148	P	1.6
8	☐			63.33	0.0000	P	16.6

$$y = 1.4906E-005 * x + 3.1721E-006$$

$$R = 0.9998$$

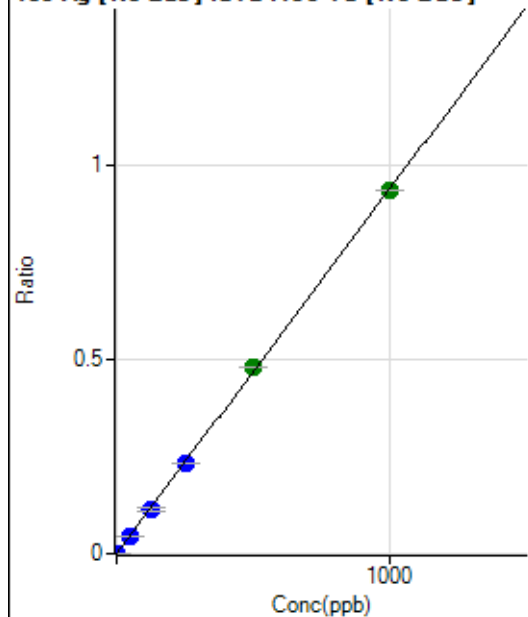
$$DL = 0.2201$$

$$BEC = 0.2128$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	65.2
2	☐	1.000	1.041	4461.88	0.0010	P	3.0
3	☐	50.000	48.325	212316.08	0.0453	P	2.9
4	☐	125.000	121.563	532221.41	0.1140	P	7.6
5	☐	250.000	247.664	1050841.46	0.2322	P	1.6
6	☐	500.000	511.211	2171574.78	0.4793	A	0.4
7	☐	1000.000	995.492	4284729.59	0.9334	A	0.1
8	☐			565.57	0.0001	P	9.6

$$y = 9.3765E-004 * x + 3.9004E-006$$

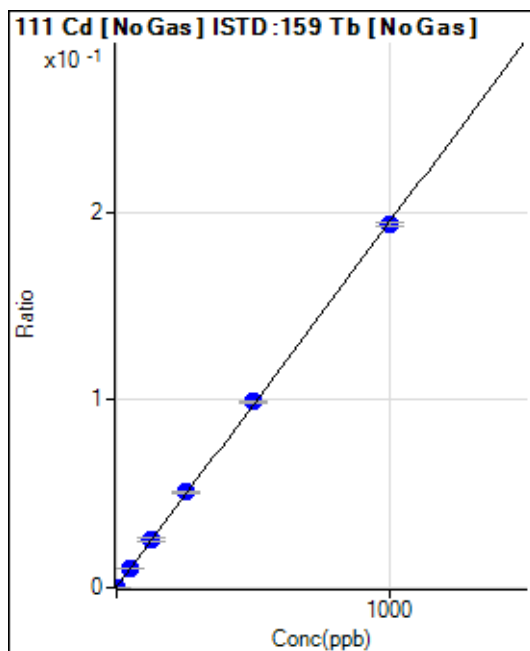
$$R = 0.9999$$

$$DL = 0.008133$$

$$BEC = 0.00416$$

Weight: <None>

Min Conc: 0



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	972.95	0.0002	P	3.2
2	☐	1.000	1.076	1928.22	0.0004	P	8.3
3	☐	50.000	50.528	47043.60	0.0100	P	3.8
4	☐	125.000	128.371	117551.89	0.0252	P	8.4
5	☐	250.000	261.637	231269.80	0.0511	P	1.6
6	☐	500.000	507.894	448562.76	0.0990	P	0.6
7	☐	1000.000	992.696	887384.45	0.1933	P	1.1
8	☐			1074.95	0.0003	P	3.2

$$y = 1.9452\text{E-}004 * x + 2.1400\text{E-}004$$

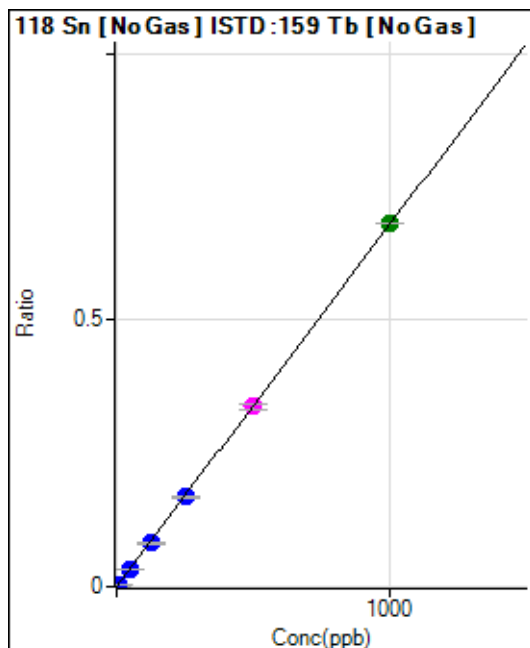
R = 0.9999

DL = 0.104

BEC = 1.1

Weight: <None>

Min Conc: 0



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	384.45	0.0001	P	9.7
2	☐	5.000	5.143	16266.40	0.0036	P	1.0
3	☐	50.000	47.681	151903.65	0.0324	P	2.3
4	☐	125.000	120.052	380507.31	0.0815	P	7.7
5	☐	250.000	247.252	759103.45	0.1678	P	1.4
6	☐	500.000	497.227	1527871.30	0.3373	M	2.5
7	☐	1000.000	1002.807	3121955.06	0.6801	A	0.1
8	☐			1026.72	0.0003	P	3.9

$$y = 6.7813\text{E-}004 * x + 8.4573\text{E-}005$$

R = 1.0000

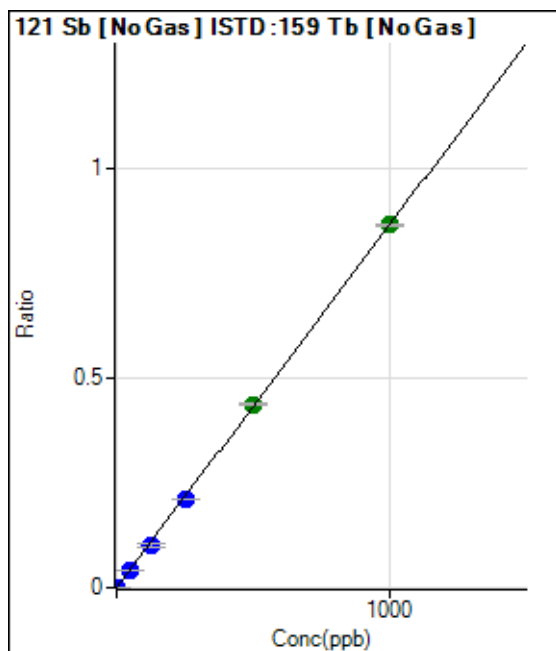
DL = 0.03636

BEC = 0.1247

Weight: <None>

Min Conc: 0

Calibration for 010CAL.S.d



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	13.7
2	☐	2.000	1.987	7853.43	0.0017	P	2.3
3	☐	50.000	46.788	189347.07	0.0404	P	2.9
4	☐	125.000	118.587	478159.12	0.1024	P	7.9
5	☐	250.000	243.782	952721.24	0.2105	P	1.1
6	☐	500.000	504.970	1975656.72	0.4361	A	0.6
7	☐	1000.000	1000.032	3964384.21	0.8636	A	0.2
8	☐			1427.87	0.0004	P	4.8

$$y = 8.6361E-004 * x + 8.3122E-006$$

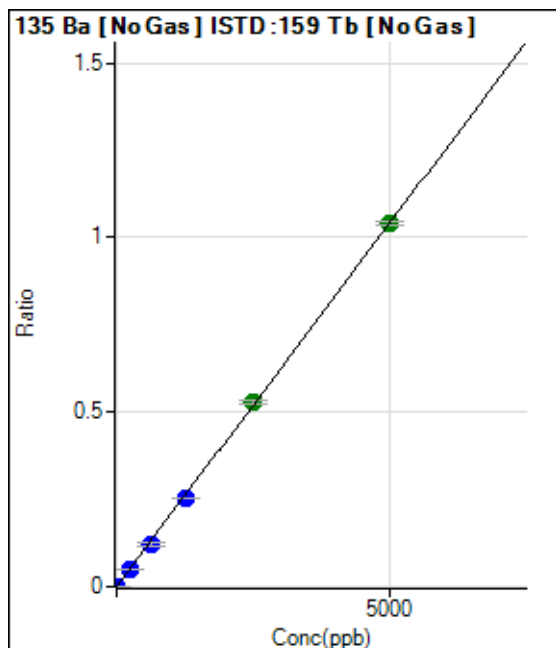
$$R = 0.9999$$

$$DL = 0.003969$$

$$BEC = 0.009625$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0000	P	10.4
2	☐	10.000	10.266	9773.63	0.0021	P	3.0
3	☐	250.000	232.907	227042.17	0.0485	P	2.7
4	☐	625.000	590.991	573763.89	0.1229	P	8.6
5	☐	1250.000	1216.101	1144658.62	0.2530	P	1.4
6	☐	2500.000	2540.074	2393699.25	0.5283	A	1.2
7	☐	5000.000	4993.543	4767667.05	1.0387	A	1.2
8	☐			2191.32	0.0006	P	7.8

$$y = 2.0800E-004 * x + 1.0754E-005$$

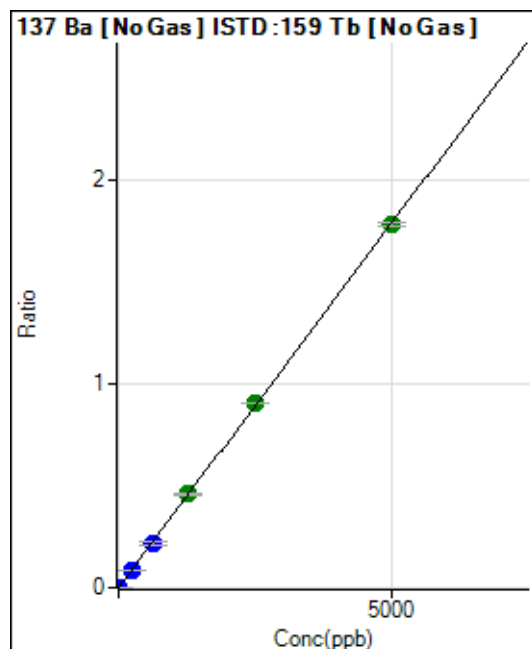
$$R = 0.9999$$

$$DL = 0.01613$$

$$BEC = 0.0517$$

Weight: <None>

Min Conc: 0



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.33	0.0000	P	5.9
2	☐	10.000	10.526	17186.57	0.0038	P	2.8
3	☐	250.000	235.738	394679.82	0.0842	P	2.5
4	☐	625.000	598.127	997208.30	0.2137	P	8.9
5	☐	1250.000	1287.519	2081461.79	0.4600	A	1.8
6	☐	2500.000	2532.240	4098390.91	0.9047	A	0.6
7	☐	5000.000	4978.572	8164394.53	1.7786	A	1.0
8	☐			3782.80	0.0010	P	1.5

$$y = 3.5726E-004 * x + 1.3936E-005$$

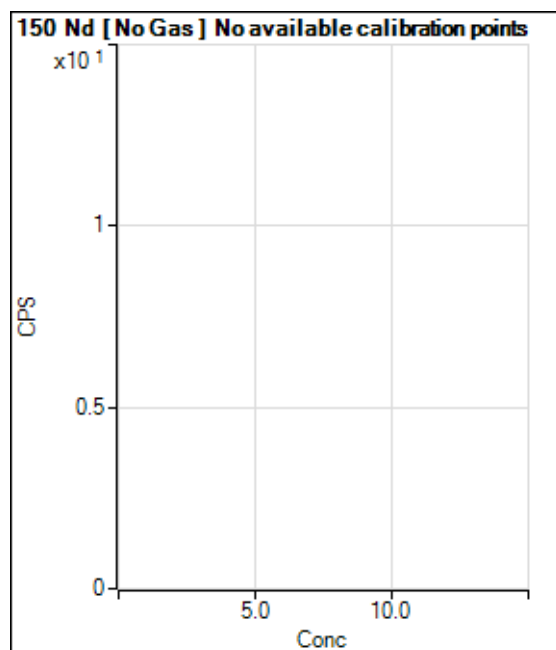
R = 0.9999

DL = 0.006879

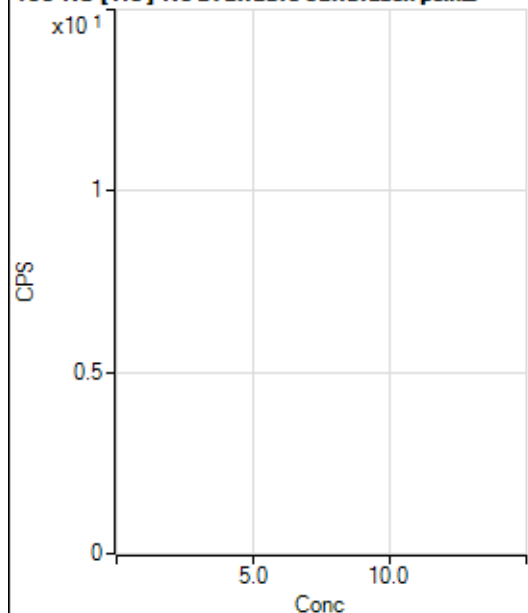
BEC = 0.03901

Weight: <None>

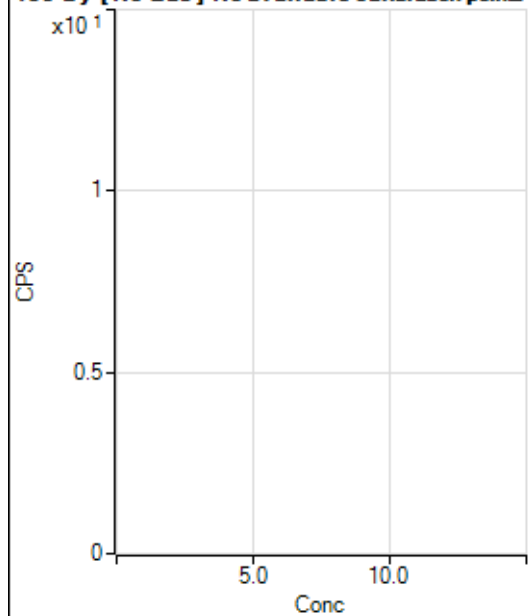
Min Conc: 0



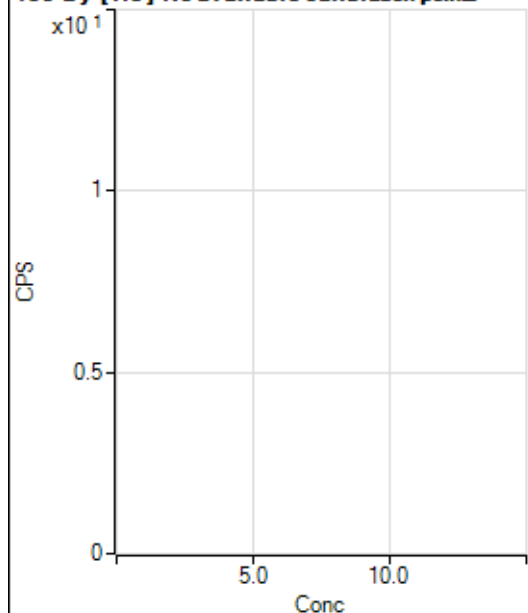
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	0.0
3	☐			31.11		P	27.0
4	☐			48.89		P	7.9
5	☐			122.22		P	24.7
6	☐			196.67		P	16.2
7	☐			462.24		P	9.8
8	☐			95.56		P	12.2

150 Nd [He] No available calibration points

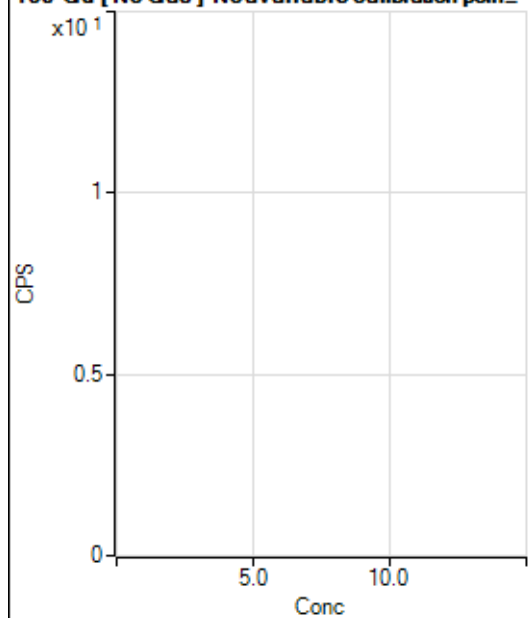
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.2
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			5.56		P	34.7
6	☐			13.33		P	25.0
7	☐			17.78		P	54.1
8	☐			21.11		P	18.2

156 Dy [No Gas] No available calibration points

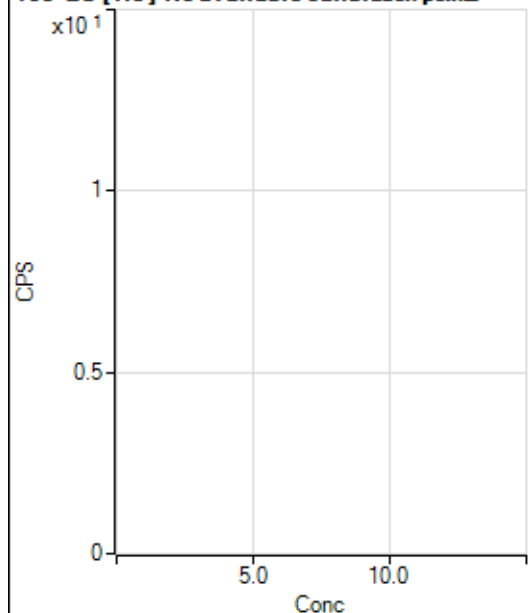
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			177.78		P	29.2
2	☐			138.89		P	5.0
3	☐			133.34		P	21.8
4	☐			161.12		P	12.1
5	☐			144.45		P	16.7
6	☐			195.56		P	8.4
7	☐			260.01		P	15.6
8	☐			208.89		P	20.3

156 Dy [He] No available calibration points

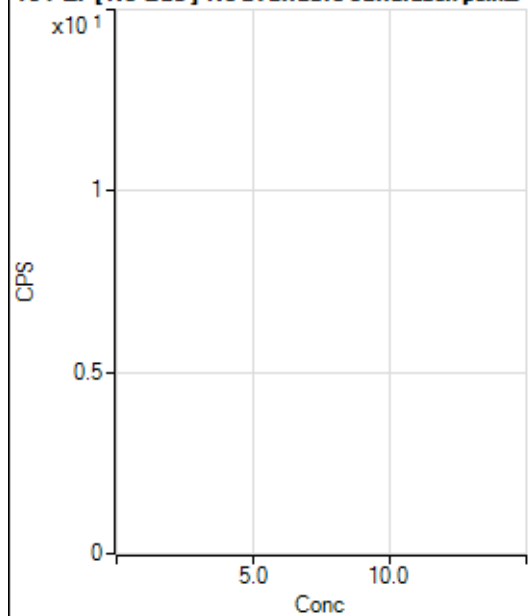
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			17.78		P	28.6
6	☐			11.11		P	34.6
7	☐			33.33		P	10.0
8	☐			40.00		P	22.0

160 Gd [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			7.78		P	137.8
3	☐			15.55		P	44.6
4	☐			15.56		P	12.4
5	☐			25.56		P	32.8
6	☐			46.66		P	12.4
7	☐			93.33		P	9.5
8	☐			130.00		P	38.7

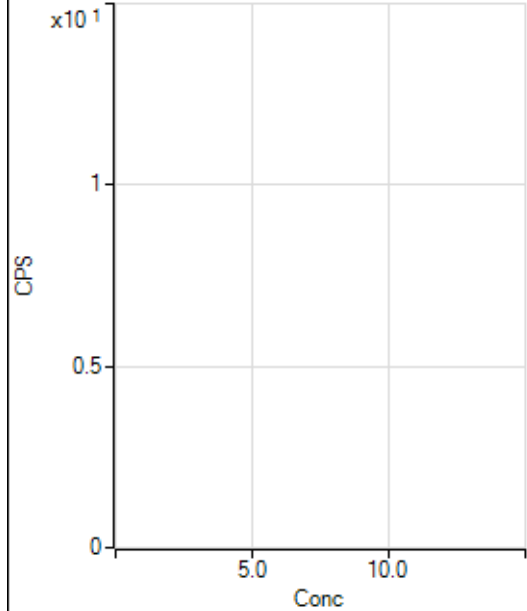
160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	0.0
3	☐			5.56		P	34.7
4	☐			8.89		P	43.3
5	☐			11.11		P	86.6
6	☐			7.78		P	24.7
7	☐			23.33		P	14.3
8	☐			53.33		P	10.8

164 Er [No Gas] No available calibration points

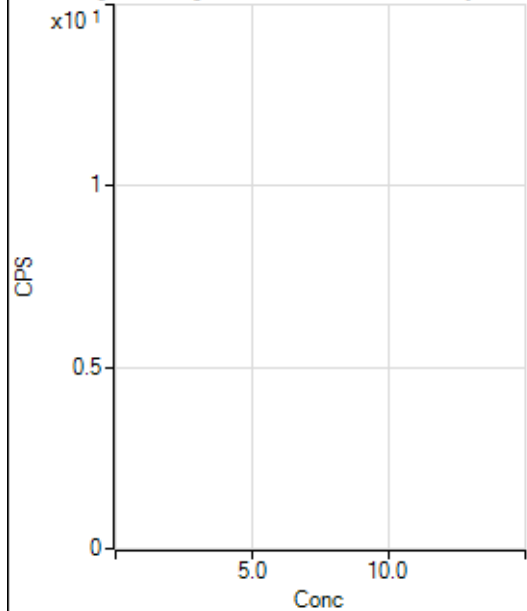
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	17.6
2	☐			23.33		P	24.7
3	☐			26.67		P	33.1
4	☐			40.00		P	16.7
5	☐			33.33		P	43.6
6	☐			65.56		P	33.9
7	☐			121.11		P	23.7
8	☐			162.23		P	11.7

164 Er [He] No available calibration points

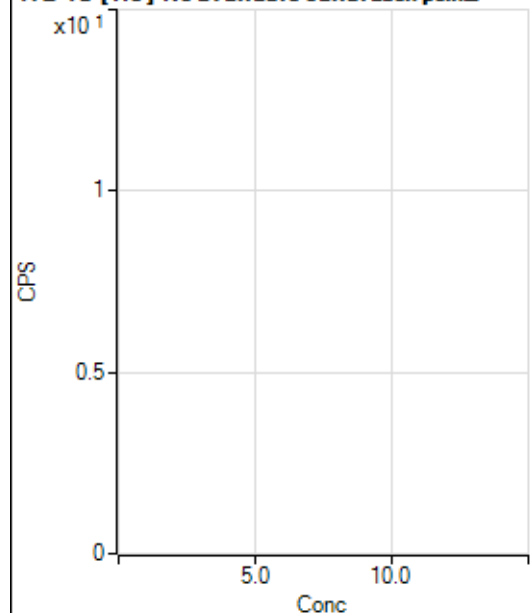


	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			5.56		P	91.6
3	☐			8.89		P	57.3
4	☐			11.11		P	45.8
5	☐			8.89		P	57.3
6	☐			21.11		P	50.8
7	☐			37.78		P	22.2
8	☐			58.89		P	25.5

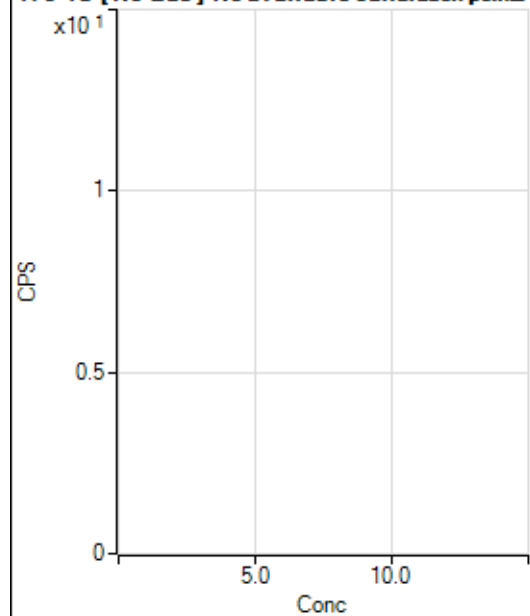
172 Yb [No Gas] No available calibration points



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐			13.33		P	66.1
3	☐			27.78		P	36.7
4	☐			24.44		P	56.8
5	☐			50.00		P	43.7
6	☐			66.67		P	5.0
7	☐			132.22		P	10.2
8	☐			203.33		P	5.7

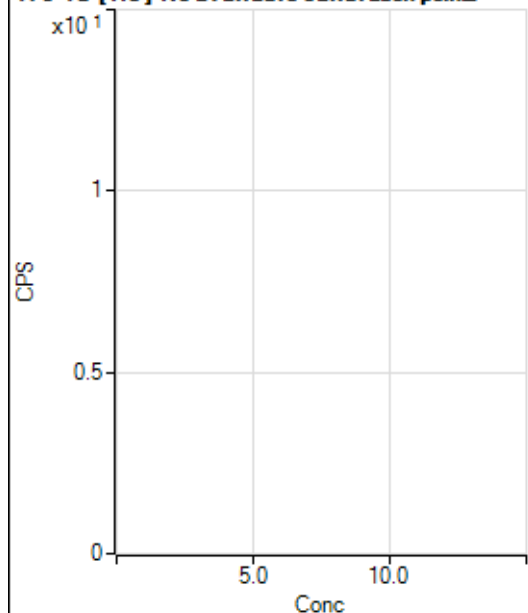
172 Yb [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			11.11		P	34.6
3	☐			15.56		P	53.9
4	☐			15.56		P	12.4
5	☐			17.78		P	47.2
6	☐			30.00		P	40.1
7	☐			31.11		P	37.6
8	☐			77.78		P	12.4

176 Yb [No Gas] No available calibration points

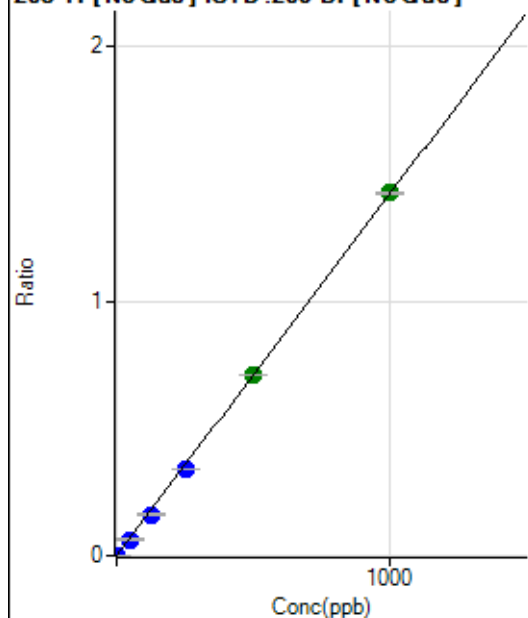
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			488.90		P	2.2
2	☐			448.90		P	8.6
3	☐			1260.08		P	7.7
4	☐			2614.73		P	2.7
5	☐			4753.13		P	0.7
6	☐			8846.38		P	2.6
7	☐			17318.08		P	1.3
8	☐			541.13		P	3.6

176 Yb [He] No available calibration points



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			66.66		P	48.2
2	☐			90.00		P	20.6
3	☐			348.90		P	0.6
4	☐			790.03		P	1.9
5	☐			1559.00		P	2.9
6	☐			2953.70		P	3.0
7	☐			6001.41		P	3.1
8	☐			95.56		P	17.2

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	143.34	0.0000	P	15.6
2	☐	1.000	0.936	4025.11	0.0014	P	2.9
3	☐	50.000	45.069	191808.95	0.0640	P	2.7
4	☐	125.000	114.130	479401.63	0.1620	P	7.1
5	☐	250.000	238.404	953972.22	0.3382	P	1.0
6	☐	500.000	501.300	1989405.87	0.7112	A	0.1
7	☐	1000.000	1003.854	3927200.74	1.4241	A	0.7
8	☐			477.79	0.0002	P	13.2

$$y = 0.0014 * x + 4.9123E-005$$

$$R = 0.9999$$

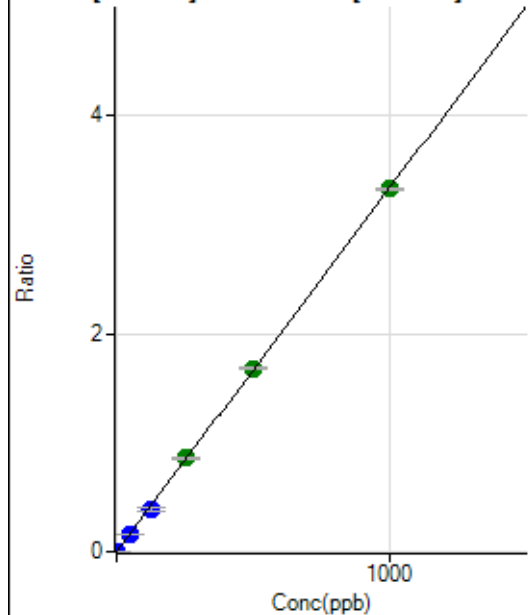
$$DL = 0.01625$$

$$BEC = 0.03463$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	326.67	0.0001	P	4.0
2	☐	1.000	0.966	9734.86	0.0033	P	3.3
3	☐	50.000	45.573	456058.18	0.1521	P	2.1
4	☐	125.000	116.064	1145961.28	0.3872	P	7.6
5	☐	250.000	256.828	2416201.93	0.8567	A	0.7
6	☐	500.000	503.759	4700258.72	1.6803	A	1.0
7	☐	1000.000	997.752	9177407.43	3.3278	A	0.8
8	☐			1206.74	0.0005	P	14.7

$$y = 0.0033 * x + 1.1190E-004$$

$$R = 0.9999$$

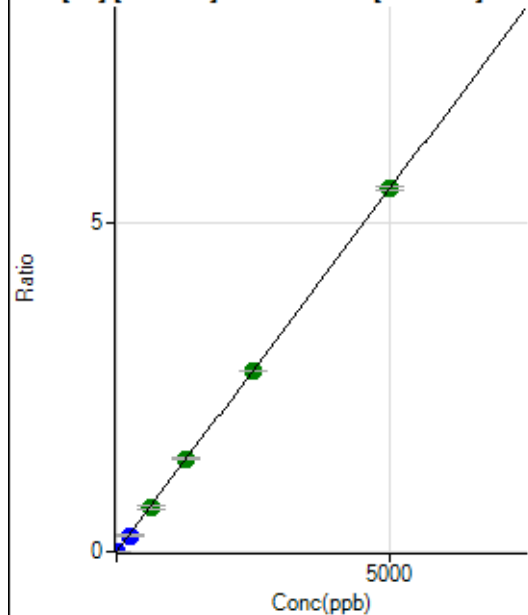
$$DL = 0.004017$$

$$BEC = 0.03355$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.01	0.0001	P	1.7
2	☐	1.000	0.982	3564.97	0.0012	P	3.2
3	☐	250.000	224.901	746582.10	0.2490	P	2.0
4	☐	625.000	610.751	2001003.69	0.6760	A	7.2
5	☐	1250.000	1284.408	4009024.18	1.4215	A	1.0
6	☐	2500.000	2489.701	7707284.61	2.7552	A	0.2
7	☐	5000.000	4999.584	15257187.1	5.5326	A	1.1
8	☐			2646.97	0.0012	P	3.6

$$y = 0.0011 * x + 1.3362E-004$$

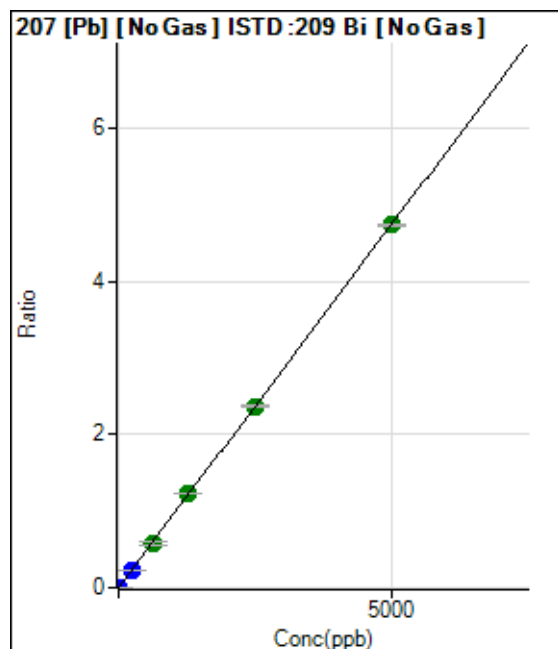
$$R = 0.9999$$

$$DL = 0.006202$$

$$BEC = 0.1207$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	311.12	0.0001	P	10.4
2	☐	1.000	0.973	3007.04	0.0010	P	5.1
3	☐	250.000	228.508	650656.82	0.2170	P	1.9
4	☐	625.000	614.991	1727607.04	0.5839	A	8.1
5	☐	1250.000	1292.658	3460922.07	1.2271	A	1.2
6	☐	2500.000	2493.102	6620006.36	2.3666	A	1.0
7	☐	5000.000	4995.110	13075685.2	4.7415	A	0.9
8	☐			2215.78	0.0010	P	5.6

$$y = 9.4921E-004 * x + 1.0653E-004$$

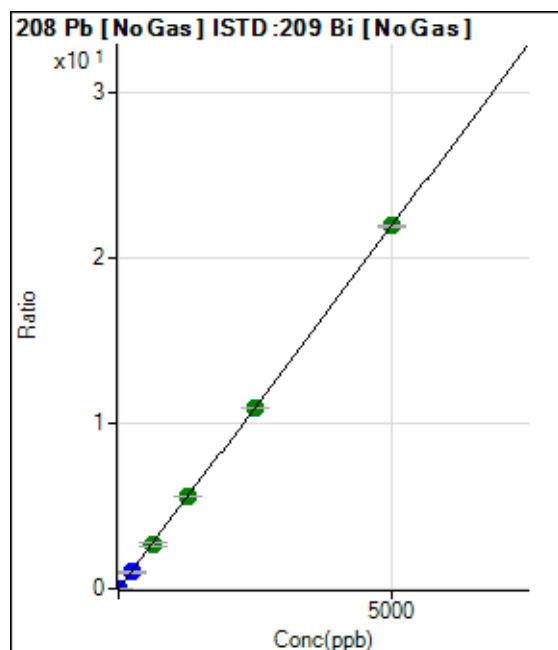
R = 0.9999

DL = 0.03495

BEC = 0.1122

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1542.28	0.0005	P	4.6
2	☐	1.000	0.970	13971.96	0.0048	P	2.8
3	☐	250.000	226.471	2980700.63	0.9942	P	2.0
4	☐	625.000	613.037	7964553.55	2.6902	A	6.8
5	☐	1250.000	1275.652	15786860.1	5.5974	A	0.6
6	☐	2500.000	2491.226	30576499.3	10.9307	A	0.5
7	☐	5000.000	5000.646	60505885.7	21.9406	A	0.6
8	☐			10171.69	0.0046	P	4.9

$$y = 0.0044 * x + 5.2843E-004$$

R = 1.0000

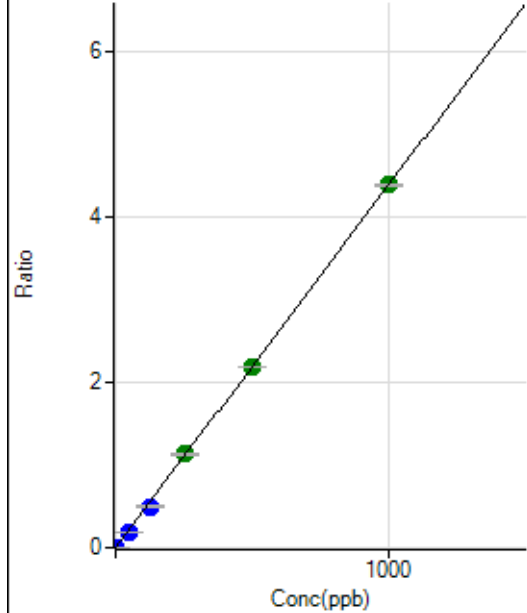
DL = 0.01678

BEC = 0.1204

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	72.3
2	☐	1.000	0.972	12474.02	0.0043	P	1.0
3	☐	50.000	44.488	585171.63	0.1952	P	2.4
4	☐	125.000	113.823	1478056.26	0.4994	P	7.4
5	☐	250.000	257.259	3183320.82	1.1287	A	0.4
6	☐	500.000	498.409	6116719.63	2.1867	A	1.0
7	☐	1000.000	1000.653	12106850.7	4.3902	A	0.5
8	☐			852.26	0.0004	P	22.9

$$y = 0.0044 * x + 5.7221E-006$$

$$R = 0.9999$$

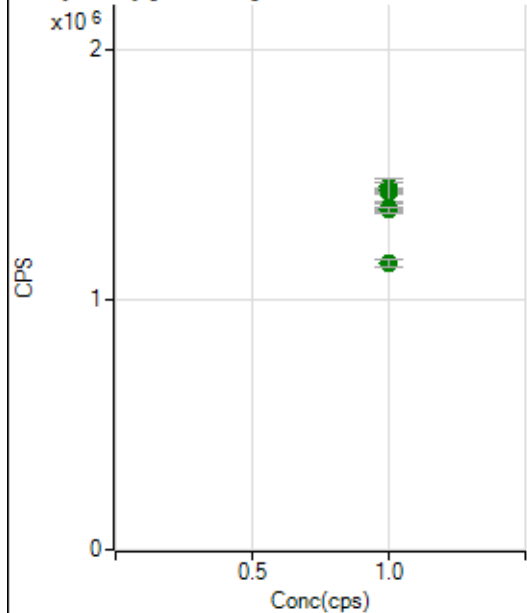
$$DL = 0.002829$$

$$BEC = 0.001304$$

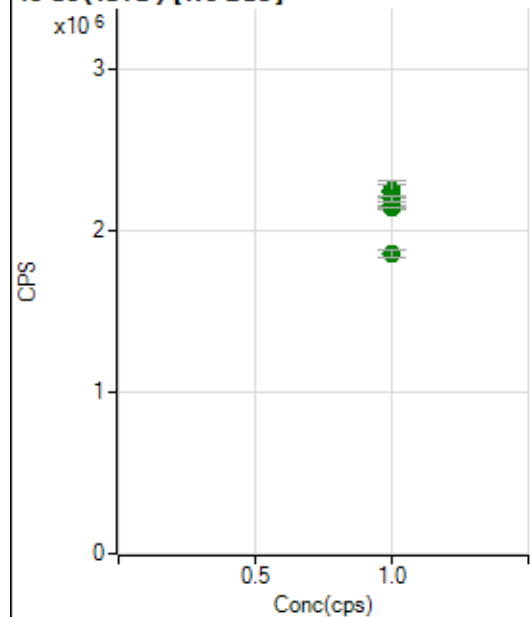
Weight: <None>

Min Conc: 0

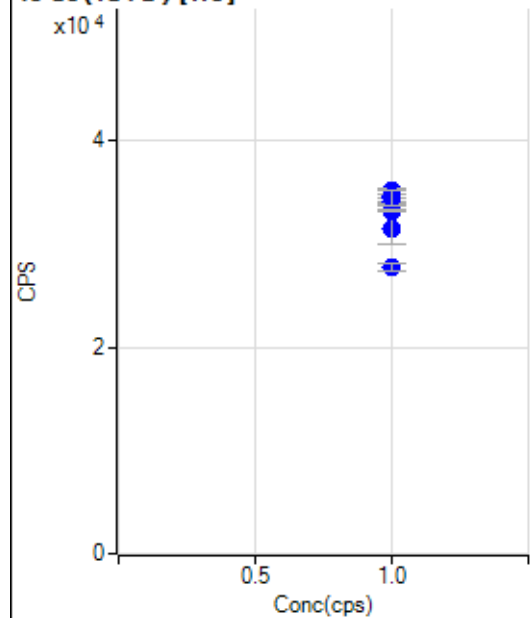
6 Li (ISTD) [No Gas]



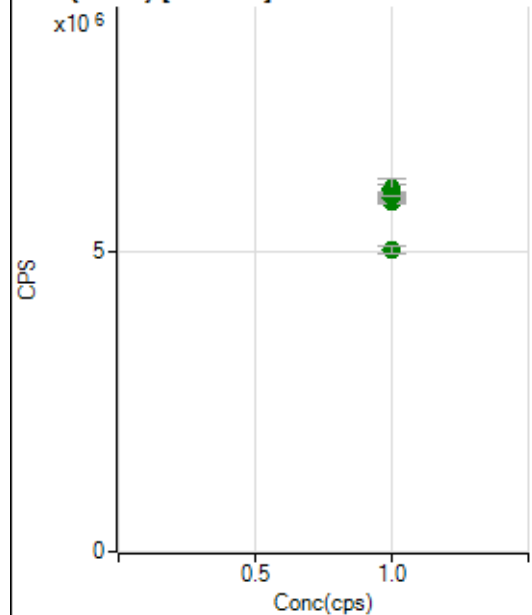
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1442880.71		A	1.2
2	☐	1.000		1430371.01		A	0.9
3	☐	1.000		1453352.45		A	2.0
4	☐	1.000		1441333.08		A	6.1
5	☐	1.000		1373060.13		A	1.6
6	☐	1.000		1372760.96		A	2.2
7	☐	1.000		1359899.09		A	1.3
8	☐	1.000		1146041.89		A	2.6

45 Sc (ISTD) [No Gas]

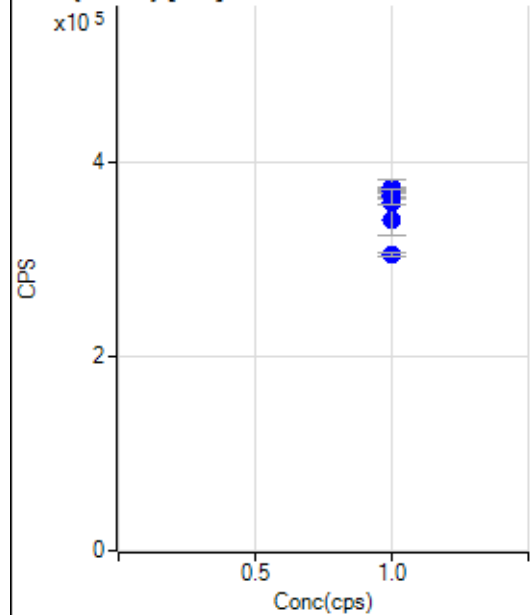
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2207996.84		A	0.3
2	☐	1.000		2196380.80		A	1.5
3	☐	1.000		2243350.28		A	3.4
4	☐	1.000		2240636.91		A	6.2
5	☐	1.000		2140354.22		A	1.5
6	☐	1.000		2154959.69		A	1.8
7	☐	1.000		2194472.05		A	1.6
8	☐	1.000		1853526.85		A	2.5

45 Sc (ISTD) [He]

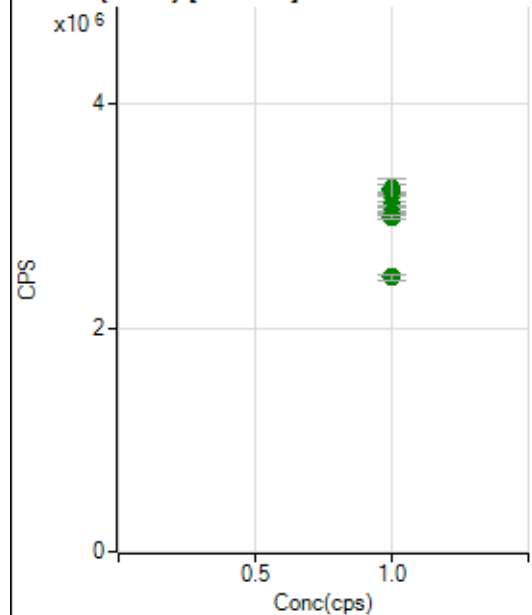
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		35146.21		P	1.5
2	☐	1.000		34674.21		P	3.4
3	☐	1.000		31565.98		P	9.6
4	☐	1.000		34156.10		P	1.9
5	☐	1.000		34582.70		P	1.1
6	☐	1.000		33179.35		P	0.6
7	☐	1.000		34443.60		P	4.5
8	☐	1.000		27675.60		P	2.6

89 Y (ISTD) [No Gas]

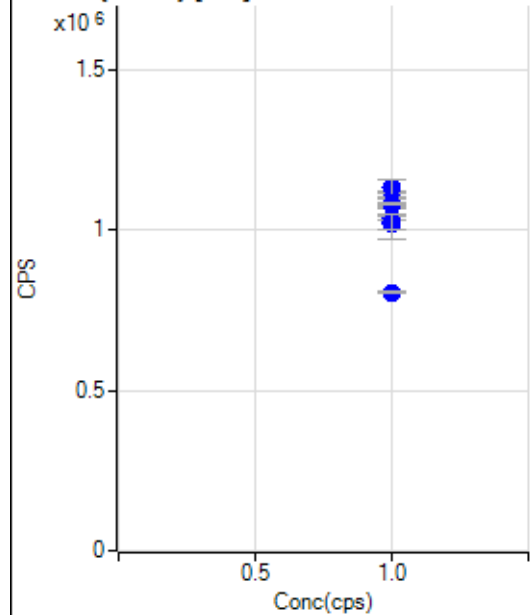
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5949105.12		A	2.0
2	☐	1.000		5895208.32		A	1.5
3	☐	1.000		6053866.99		A	2.8
4	☐	1.000		6035780.81		A	6.8
5	☐	1.000		5845867.07		A	0.8
6	☐	1.000		5834831.16		A	0.4
7	☐	1.000		5936331.30		A	0.5
8	☐	1.000		5045341.49		A	2.8

89 Y (ISTD) [He]

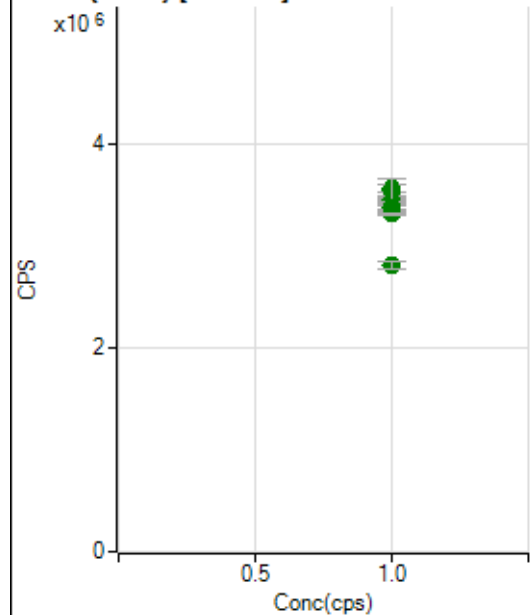
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		372251.49		P	0.6
2	☐	1.000		372675.65		P	5.0
3	☐	1.000		340027.96		P	9.2
4	☐	1.000		364805.65		P	2.2
5	☐	1.000		369287.12		P	1.1
6	☐	1.000		357931.14		P	1.5
7	☐	1.000		362996.85		P	4.5
8	☐	1.000		304117.22		P	1.5

103 Rh (ISTD) [No Gas]

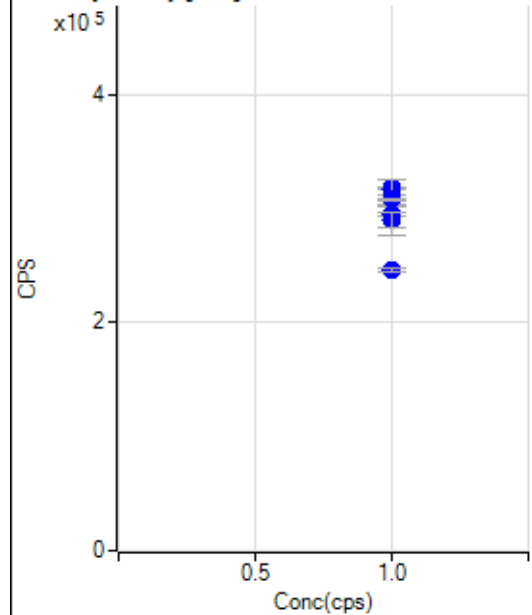
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3197781.37		A	0.7
2	☐	1.000		3190731.27		A	0.6
3	☐	1.000		3244432.56		A	2.4
4	☐	1.000		3234167.31		A	6.4
5	☐	1.000		3090709.02		A	0.5
6	☐	1.000		3032199.50		A	0.5
7	☐	1.000		2993224.05		A	1.0
8	☐	1.000		2451038.00		A	1.7

103 Rh (ISTD) [He]

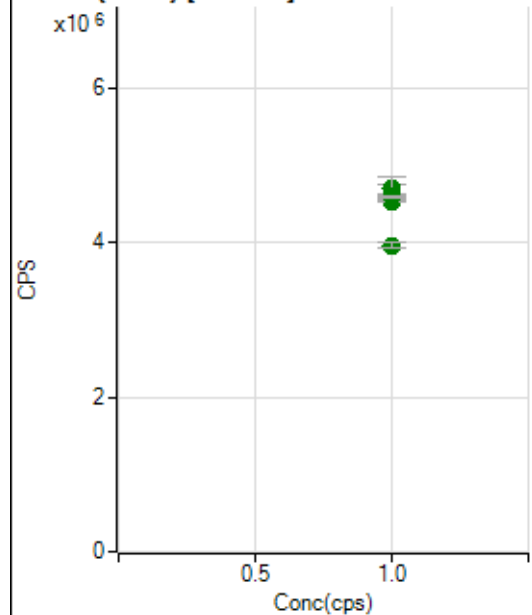
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1118755.99		P	0.5
2	☐	1.000		1131166.85		P	5.0
3	☐	1.000		1019683.77		P	9.4
4	☐	1.000		1083904.84		P	2.4
5	☐	1.000		1082128.55		P	1.1
6	☐	1.000		1037457.33		P	1.2
7	☐	1.000		1025376.73		P	5.0
8	☐	1.000		806362.00		P	1.1

115 In (ISTD) [No Gas]

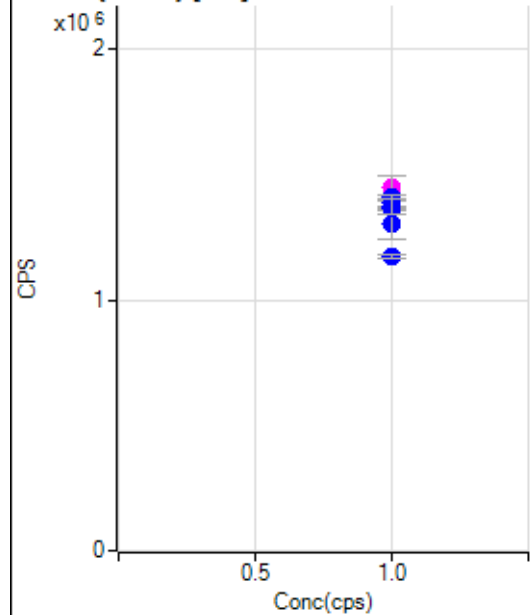
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3465956.57		A	0.5
2	☐	1.000		3460382.86		A	1.3
3	☐	1.000		3560715.95		A	2.0
4	☐	1.000		3543458.67		A	6.9
5	☐	1.000		3382260.57		A	0.9
6	☐	1.000		3354068.16		A	0.6
7	☐	1.000		3314375.74		A	0.9
8	☐	1.000		2807631.89		A	2.5

115 In (ISTD) [He]

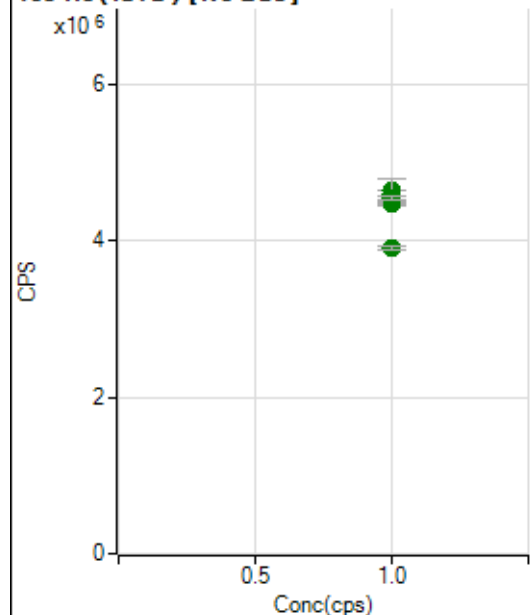
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		317962.53		P	0.4
2	☐	1.000		317505.99		P	5.3
3	☐	1.000		289201.47		P	9.0
4	☐	1.000		307654.37		P	2.5
5	☐	1.000		307866.85		P	0.9
6	☐	1.000		295226.66		P	1.2
7	☐	1.000		289120.91		P	4.6
8	☐	1.000		245437.45		P	1.3

159 Tb (ISTD) [No Gas]

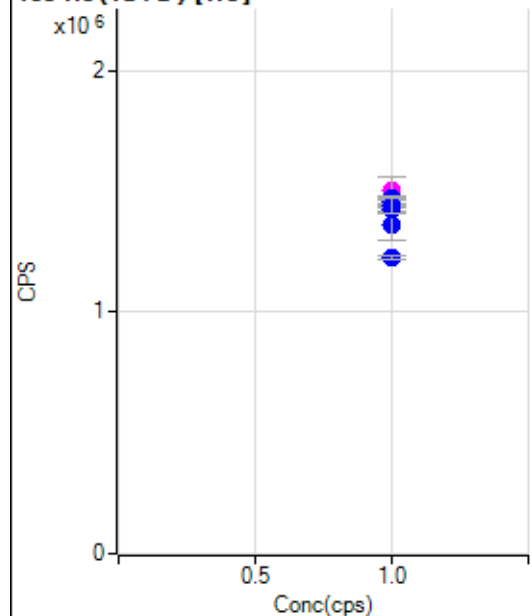
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4545718.75		A	0.7
2	☐	1.000		4553872.29		A	0.6
3	☐	1.000		4687623.47		A	2.9
4	☐	1.000		4686009.69		A	7.1
5	☐	1.000		4525325.80		A	0.6
6	☐	1.000		4530336.39		A	0.6
7	☐	1.000		4590330.66		A	0.5
8	☐	1.000		3961798.97		A	2.2

159 Tb (ISTD) [He]

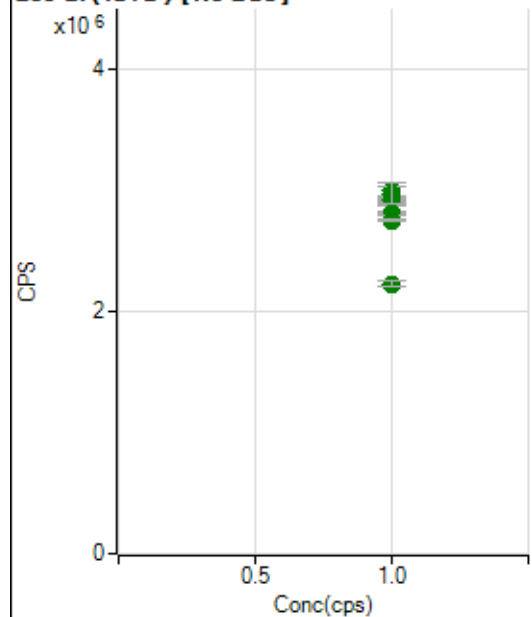
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1416683.52		P	0.1
2	☐	1.000		1447709.32		M	7.1
3	☐	1.000		1304275.22		P	8.9
4	☐	1.000		1388180.71		P	2.1
5	☐	1.000		1412772.10		P	1.1
6	☐	1.000		1365713.73		P	0.9
7	☐	1.000		1375340.80		P	4.7
8	☐	1.000		1174694.86		P	1.6

165 Ho (ISTD) [No Gas]

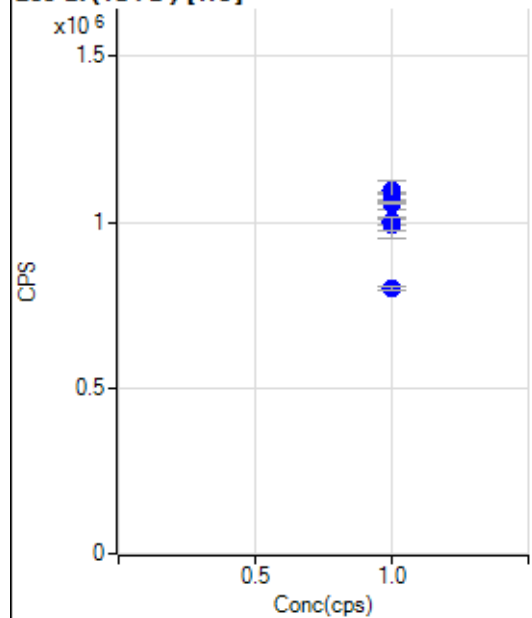
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4480430.97		A	1.0
2	☐	1.000		4491309.76		A	0.6
3	☐	1.000		4601745.07		A	1.7
4	☐	1.000		4635171.36		A	6.3
5	☐	1.000		4461232.26		A	0.6
6	☐	1.000		4502445.80		A	0.5
7	☐	1.000		4537592.33		A	1.1
8	☐	1.000		3909643.62		A	1.6

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1471080.29		P	0.2
2	☐	1.000		1502614.42		M	7.3
3	☐	1.000		1359901.24		P	9.1
4	☐	1.000		1456393.52		P	2.3
5	☐	1.000		1472568.64		P	1.4
6	☐	1.000		1422678.47		P	1.4
7	☐	1.000		1439311.27		P	4.5
8	☐	1.000		1227460.85		P	1.4

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2918945.10		A	0.8
2	☐	1.000		2921919.26		A	1.6
3	☐	1.000		2999341.93		A	2.8
4	☐	1.000		2969217.22		A	6.4
5	☐	1.000		2820430.65		A	0.3
6	☐	1.000		2797348.43		A	0.4
7	☐	1.000		2757777.08		A	0.6
8	☐	1.000		2227362.83		A	2.0

209 Bi (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1085813.78		P	0.5
2	☐	1.000		1094738.39		P	5.2
3	☐	1.000		992803.95		P	8.8
4	☐	1.000		1053682.73		P	2.8
5	☐	1.000		1058503.96		P	0.4
6	☐	1.000		1002042.53		P	1.4
7	☐	1.000		996135.66		P	4.1
8	☐	1.000		799760.90		P	1.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8020325MS.b
Acq. Date-Time 2025-02-03 14:56:14
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		7809	78094.06			2.032	5.000
24		80180	801803.81			2.254	5.000
25		10559	105591.96			2.213	5.000
26		12400	124003.21			1.851	5.000
59		44310	443103.49			2.190	5.000
113		5624	56235.10			2.278	5.000
115		75738	757382.43			4.474	5.000
206		17500	174999.98			2.102	5.000
207		15220	152204.72			2.098	5.000
208		36820	368204.14			2.254	5.000
220		0	1.70			67.711	

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

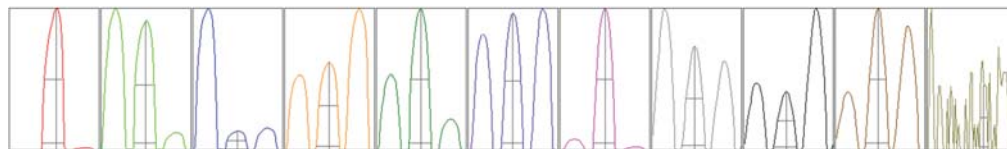
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7910	7947	7547	7788	7855
24	81496	80520	77267	79826	81794
25	10788	10706	10182	10528	10592
26	12602	12571	12029	12363	12437
59	45068	44796	42633	44368	44687
113	5724	5695	5406	5616	5677
115	75110	74699	71053	77839	79990
206	17597	17614	16853	17770	17667
207	15235	15366	14665	15418	15419
208	37039	37140	35356	37156	37412

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	13648.24	9.10	8.90 - 9.10	
24	135019.12	24.00	23.90 - 24.10	
25	17930.58	25.00	24.90 - 25.10	
26	21027.45	26.00	25.90 - 26.10	
59	79536.38	59.00	58.90 - 59.10	
113	11006.34	113.00	112.90 - 113.10	
115	145952.78	115.05	114.90 - 115.10	
206	33741.63	205.95	205.90 - 206.10	
207	29130.91	206.95	206.90 - 207.10	
208	70469.73	207.95	207.90 - 208.10	
220	0.25	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.63	0.741	0.900	
25	0.62	0.741	0.900	
26	0.62	0.781	0.900	
59	0.59	0.736	0.900	
113	0.54	0.718	0.900	
115	0.54	0.725	0.900	
206	0.55	0.775	0.900	
207	0.55	0.780	0.900	
208	0.55	0.780	0.900	
220	0.25	0.295		

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	8.0 V	Deflect	15.6 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-55 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	160 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.4 mm
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EM

Discriminator	4.0 mV	Analog HV	2182 V	Pulse HV	1073 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7673	76731.26			0.959	
89		8876	88758.75			0.844	
205		9620	96196.49			0.625	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7764	7739	7613	7645	7605
89	8952	8958	8851	8819	8799
205	9673	9679	9572	9631	9544

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	8.0 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-55 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	126	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	-0.2 mm	Torch V	1.4 mm		
EM					
Discriminator	4.0 mV	Analog HV	2182 V	Pulse HV	1073 V

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	-0.46	0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.08	-0.02	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.65	-0.32	-0.34	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Calcium	43-1	-1.57	-1.22	2.79	0.00	N/A	ppb
Calcium	44-1	-0.59	0.48	0.11	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.09	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.12	0.04	0.08	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	0.46	0.03	-0.48	0.00	N/A	ppb
Iron	56-2	-0.11	-0.16	0.26	0.00	N/A	ppb
Iron	57-2	-0.54	-0.94	1.48	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.39	0.88	-0.49	0.00	N/A	ppb
Manganese	55-2	-0.07	0.04	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	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	0.04	-0.07	0.00	N/A	ppb
Phosphorus	31-2	-23.88	-11.21	-47.36	-27.49		ppb
Potassium	39-2	-3.45	6.81	-3.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.59	0.54	0.05	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	0.80	-0.40	0.00	N/A	ppb
Silicon	28-1	-0.02	0.00	0.02	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	-5.45	-0.04	5.49	0.00	N/A	ppb
Strontium	86-1	0.13	-0.15	0.02	0.00	N/A	ppb
Strontium	88-1	0.09	0.04	-0.13	0.00	N/A	ppb
Sulfur	34-1	54.46	2.18	38.81	31.82	84.32	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	0.05	-0.18	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.18	23.82	21.98	22.33	6.04	ppb
Antimony	121-1	1.94	2.02	2.00	1.99	2.27	ppb
Arsenic	75-2	0.84	0.97	0.90	0.90	7.30	ppb
Barium	135-1	10.02	10.61	10.16	10.27	3.02	ppb
Barium	137-1	10.86	10.42	10.30	10.53	2.81	ppb
Beryllium	9-1	1.01	1.02	1.08	1.04	3.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.57	0.76	0.87	1.07	40.95	ppb
Cadmium	106-1	-0.10	1.98	1.03	0.97	107.08	ppb
Cadmium	111-1	0.88	1.11	1.23	1.08	16.72	ppb
Calcium	43-1	550.90	545.15	512.77	536.28	3.83	ppb
Calcium	44-1	517.21	525.32	513.34	518.63	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.18	1.84	2.08	9.96	ppb
Cobalt	59-2	1.09	1.05	0.96	1.03	6.59	ppb
Copper	63-2	2.21	2.15	1.90	2.09	7.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	56.88	54.20	50.39	53.82	6.06	ppb
Iron	56-2	54.61	52.74	49.80	52.39	4.62	ppb
Iron	57-2	57.84	53.07	51.92	54.28	5.78	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.96	0.96	0.98	3.63	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.04	0.93	0.95	0.97	5.74	ppb
Lead	208-1	1.00	0.95	0.95	0.97	3.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	547.34	554.45	505.57	535.79	4.93	ppb
Manganese	55-2	0.88	0.60	0.86	0.78	20.00	ppb
Molybdenum	94-1	5.93	5.79	6.18	5.97	3.29	ppb
Molybdenum	95-1	5.12	5.10	5.15	5.12	0.43	ppb
Molybdenum	96-1	5.28	5.03	5.18	5.17	2.41	ppb
Molybdenum	97-1	5.51	5.03	5.00	5.18	5.57	ppb
Molybdenum	98-1	5.14	5.16	5.09	5.13	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.06	0.92	1.01	7.74	ppb
Phosphorus	31-2	21.29	50.13	11.03	27.49	73.77	ppb
Potassium	39-2	516.63	497.97	479.29	497.96	3.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	5.35	5.32	6.96	5.88	16.01	ppb
Selenium	77-2	4.34	0.00	19.74	8.03	129.24	ppb
Selenium	78-2	5.78	4.42	4.09	4.76	18.82	ppb
Silicon	28-1	0.46	0.37	0.34	0.39	16.35	ppb
Silver	107-1	1.02	1.00	1.00	1.01	1.46	ppb
Silver	109-1	1.01	1.03	1.08	1.04	3.04	ppb
Sodium	23-2	520.66	529.94	488.40	513.00	4.25	ppb
Strontium	86-1	26.40	27.37	24.52	26.10	5.55	ppb
Strontium	88-1	26.53	24.48	25.08	25.36	4.16	ppb
Sulfur	34-1	90.05	-0.78	-184.74	-31.82		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.97	0.92	0.94	3.04	ppb
Thallium	205-1	0.99	0.98	0.93	0.97	3.44	ppb
Tin	118-1	5.19	5.16	5.09	5.14	1.00	ppb
Titanium	47-1	5.60	5.10	5.15	5.28	5.20	ppb
Uranium	238-1	0.97	0.96	0.98	0.97	0.98	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.03	5.43	5.05	5.17	4.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5.51	5.30	5.00	5.27	4.88	ppb
Zirconium	90-1	0.99	0.94	1.02	0.99	3.93	ppb
Zirconium	91-1	1.04	1.04	0.93	1.00	6.17	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1252.50	1065.94	1045.32	1121.25	10.18	ppb
Antimony	121-1	47.60	47.53	45.23	46.79	2.88	ppb
Arsenic	75-2	57.90	50.78	50.62	53.10	7.83	ppb
Barium	135-1	234.60	238.08	226.04	232.91	2.66	ppb
Barium	137-1	238.27	239.95	228.99	235.74	2.50	ppb
Beryllium	9-1	48.26	48.91	47.50	48.22	1.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	52.47	49.92	49.90	50.76	2.92	ppb
Cadmium	106-1	53.51	50.72	49.84	51.36	3.73	ppb
Cadmium	111-1	51.68	51.64	48.27	50.53	3.88	ppb
Calcium	43-1	4794.59	4785.19	4587.61	4722.46	2.48	ppb
Calcium	44-1	4785.31	4739.76	4535.53	4686.87	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.21	53.41	50.56	55.39	10.97	ppb
Cobalt	59-2	63.40	53.69	52.65	56.58	10.48	ppb
Copper	63-2	617.64	524.89	508.86	550.47	10.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	54-2	3079.96	2621.01	2561.20	2754.06	10.31	ppb
Iron	56-2	3043.89	2603.29	2507.22	2718.13	10.53	ppb
Iron	57-2	2950.40	2554.62	2427.47	2644.16	10.31	ppb
Krypton	83-1						cps
Lead	206-1	229.41	224.78	220.51	224.90	1.98	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	232.62	228.77	224.13	228.51	1.86	ppb
Lead	208-1	230.73	227.15	221.53	226.47	2.05	ppb
Lithium	6-1				101		%
Magnesium	24-2	6134.46	5147.41	5117.90	5466.59	10.58	ppb
Manganese	55-2	593.90	512.32	495.29	533.84	9.87	ppb
Molybdenum	94-1	474.73	474.09	457.74	468.86	2.05	ppb
Molybdenum	95-1	467.69	474.50	455.04	465.74	2.12	ppb
Molybdenum	96-1	467.66	469.16	451.88	462.90	2.07	ppb
Molybdenum	97-1	474.32	479.37	458.17	470.62	2.35	ppb
Molybdenum	98-1	498.30	489.17	477.79	488.42	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.31	52.46	50.79	54.52	9.32	ppb
Phosphorus	31-2	1065.40	1044.76	898.78	1002.98	9.06	ppb
Potassium	39-2	3021.13	2483.90	2441.69	2648.91	12.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	82-1	50.01	50.94	54.94	51.97	5.04	ppb
Selenium	77-2	86.54	53.46	72.14	70.71	23.46	ppb
Selenium	78-2	51.68	60.38	56.28	56.11	7.75	ppb
Silicon	28-1	51.73	51.00	48.30	50.34	3.59	ppb
Silver	107-1	47.82	48.25	45.98	47.35	2.55	ppb
Silver	109-1	48.92	49.33	46.73	48.33	2.89	ppb
Sodium	23-2	6133.07	5162.68	5059.48	5451.75	10.86	ppb
Strontium	86-1	1250.68	1270.31	1216.90	1245.96	2.17	ppb
Strontium	88-1	1191.65	1196.38	1147.19	1178.41	2.30	ppb
Sulfur	34-1	1030.23	919.00	530.59	826.61	31.73	ppb
Terbium	159-1				103		%
Terbium	159-2				92		%
Thallium	203-1	46.18	45.23	43.80	45.07	2.66	ppb
Thallium	205-1	46.29	45.95	44.47	45.57	2.12	ppb
Tin	118-1	48.14	48.49	46.42	47.68	2.33	ppb
Titanium	47-1	484.35	480.20	456.50	473.68	3.17	ppb
Uranium	238-1	45.53	44.55	43.38	44.49	2.42	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.08	52.00	51.05	54.71	10.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	626.36	533.00	515.23	558.20	10.69	ppb
Zirconium	90-1	47.27	46.93	45.35	46.52	2.20	ppb
Zirconium	91-1	47.49	46.66	45.75	46.63	1.86	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2474.56	2559.56	2590.88	2541.67	2.37	ppb
Antimony	121-1	109.31	128.03	118.42	118.59	7.89	ppb
Arsenic	75-2	117.74	119.69	123.96	120.47	2.64	ppb
Barium	135-1	539.56	640.61	592.80	590.99	8.55	ppb
Barium	137-1	545.76	651.98	596.65	598.13	8.88	ppb
Beryllium	9-1	113.04	129.44	122.27	121.58	6.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	120.26	139.92	129.91	130.03	7.56	ppb
Cadmium	106-1	115.63	138.77	127.71	127.37	9.09	ppb
Cadmium	111-1	117.44	139.16	128.51	128.37	8.46	ppb
Calcium	43-1	11078.64	12888.08	11969.62	11978.78	7.55	ppb
Calcium	44-1	11178.90	13221.13	12362.78	12254.27	8.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.77	127.59	128.16	126.17	2.35	ppb
Cobalt	59-2	126.60	129.58	132.12	129.43	2.14	ppb
Copper	63-2	1219.49	1251.63	1274.31	1248.48	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	6141.89	6226.27	6365.71	6244.62	1.81	ppb
Iron	56-2	6326.97	6531.82	6592.64	6483.81	2.15	ppb
Iron	57-2	5936.97	6072.36	6178.45	6062.59	2.00	ppb
Krypton	83-1						cps
Lead	206-1	565.20	652.75	614.30	610.75	7.19	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	563.10	662.83	619.04	614.99	8.13	ppb
Lead	208-1	569.88	653.52	615.71	613.04	6.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	12180.26	12538.43	12650.33	12456.34	1.97	ppb
Manganese	55-2	1193.91	1221.13	1237.09	1217.37	1.79	ppb
Molybdenum	94-1	1124.47	1321.68	1232.57	1226.24	8.05	ppb
Molybdenum	95-1	1169.19	1372.09	1265.14	1268.80	8.00	ppb
Molybdenum	96-1	1152.35	1344.83	1258.55	1251.91	7.70	ppb
Molybdenum	97-1	1110.17	1327.43	1277.20	1238.27	9.19	ppb
Molybdenum	98-1	1144.92	1360.37	1253.31	1252.87	8.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.86	124.04	127.11	124.01	2.52	ppb
Phosphorus	31-2	2473.92	2762.13	2571.48	2602.51	5.63	ppb
Potassium	39-2	5858.04	6042.62	6110.21	6003.62	2.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	121.06	130.15	129.23	126.81	3.95	ppb
Selenium	77-2	150.65	109.95	113.53	124.71	18.07	ppb
Selenium	78-2	126.87	146.23	107.57	126.89	15.23	ppb
Silicon	28-1	118.34	136.83	126.89	127.35	7.27	ppb
Silver	107-1	109.55	129.94	120.79	120.09	8.50	ppb
Silver	109-1	112.32	130.91	121.45	121.56	7.65	ppb
Sodium	23-2	12239.33	12468.15	12598.46	12435.31	1.46	ppb
Strontium	86-1	2892.53	3331.10	3143.13	3122.25	7.05	ppb
Strontium	88-1	2746.26	3214.80	3005.48	2988.85	7.85	ppb
Sulfur	34-1	1774.88	3054.38	2376.19	2401.82	26.65	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	105.51	121.70	115.18	114.13	7.14	ppb
Thallium	205-1	106.71	124.35	117.13	116.06	7.64	ppb
Tin	118-1	110.89	129.34	119.93	120.05	7.68	ppb
Titanium	47-1	1117.25	1292.79	1198.19	1202.75	7.30	ppb
Uranium	238-1	104.78	121.53	115.15	113.82	7.43	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	121.51	124.09	127.25	124.28	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	1247.96	1286.23	1296.97	1277.05	2.02	ppb
Zirconium	90-1	108.68	127.53	118.43	118.21	7.97	ppb
Zirconium	91-1	109.39	128.04	119.69	119.04	7.85	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5027.21	4944.98	5166.91	5046.37	2.22	ppb
Antimony	121-1	241.07	246.64	243.63	243.78	1.14	ppb
Arsenic	75-2	244.18	246.51	244.34	245.01	0.53	ppb
Barium	135-1	1200.14	1234.82	1213.34	1216.10	1.44	ppb
Barium	137-1	1277.78	1314.58	1270.19	1287.52	1.84	ppb
Beryllium	9-1	244.57	254.53	249.51	249.54	2.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	256.06	264.49	260.17	260.24	1.62	ppb
Cadmium	106-1	251.37	269.34	259.69	260.14	3.46	ppb
Cadmium	111-1	257.04	265.23	262.63	261.64	1.60	ppb
Calcium	43-1	24554.82	25364.08	24640.77	24853.22	1.79	ppb
Calcium	44-1	24935.08	25746.99	25325.24	25335.77	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246.10	243.87	249.13	246.37	1.07	ppb
Cobalt	59-2	250.32	251.54	254.26	252.04	0.80	ppb
Copper	63-2	2547.33	2577.52	2587.45	2570.76	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	12118.24	12200.26	12237.38	12185.29	0.50	ppb
Iron	56-2	12502.92	12662.67	12813.07	12659.55	1.23	ppb
Iron	57-2	11724.32	11884.44	12005.25	11871.34	1.19	ppb
Krypton	83-1						cps
Lead	206-1	1278.00	1299.68	1275.55	1284.41	1.03	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1293.79	1308.14	1276.04	1292.66	1.24	ppb
Lead	208-1	1271.33	1284.61	1271.01	1275.65	0.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	24030.25	24077.79	24630.61	24246.22	1.38	ppb
Manganese	55-2	2362.58	2360.50	2408.21	2377.09	1.13	ppb
Molybdenum	94-1	2566.70	2607.25	2608.21	2594.05	0.91	ppb
Molybdenum	95-1	2524.11	2565.23	2575.43	2554.92	1.06	ppb
Molybdenum	96-1	2504.21	2587.78	2537.88	2543.29	1.65	ppb
Molybdenum	97-1	2551.94	2628.62	2547.03	2575.86	1.78	ppb
Molybdenum	98-1	2512.33	2612.51	2544.20	2556.34	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	237.23	242.23	247.63	242.37	2.14	ppb
Phosphorus	31-2	4715.85	4752.17	5268.92	4912.32	6.30	ppb
Potassium	39-2	11585.34	11605.24	11837.42	11676.00	1.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	254.68	259.74	264.62	259.68	1.91	ppb
Selenium	77-2	182.96	227.70	237.84	216.16	13.51	ppb
Selenium	78-2	252.51	233.30	230.16	238.66	5.07	ppb
Silicon	28-1	259.64	264.16	257.65	260.49	1.28	ppb
Silver	107-1	239.45	247.77	245.23	244.15	1.75	ppb
Silver	109-1	243.14	250.99	248.86	247.66	1.64	ppb
Sodium	23-2	25773.05	25812.55	26347.30	25977.63	1.23	ppb
Strontium	86-1	6317.75	6516.18	6388.62	6407.52	1.57	ppb
Strontium	88-1	6485.59	6541.04	6535.84	6520.82	0.47	ppb
Sulfur	34-1	5162.11	5511.77	5285.68	5319.85	3.33	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	235.75	239.44	240.02	238.40	0.97	ppb
Thallium	205-1	254.69	257.92	257.88	256.83	0.72	ppb
Tin	118-1	243.21	250.04	248.51	247.25	1.45	ppb
Titanium	47-1	2533.31	2645.70	2597.96	2592.32	2.18	ppb
Uranium	238-1	256.10	258.26	257.42	257.26	0.42	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	243.67	244.59	246.99	245.08	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2465.14	2470.83	2477.45	2471.14	0.25	ppb
Zirconium	90-1	256.85	260.64	253.70	257.06	1.35	ppb
Zirconium	91-1	241.99	247.50	244.63	244.71	1.13	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10522.08	10297.94	10466.51	10428.85	1.12	ppb
Antimony	121-1	508.26	504.74	501.90	504.97	0.63	ppb
Arsenic	75-2	512.68	508.26	499.02	506.65	1.38	ppb
Barium	135-1	2505.31	2561.48	2553.43	2540.07	1.20	ppb
Barium	137-1	2548.89	2521.37	2526.46	2532.24	0.58	ppb
Beryllium	9-1	479.28	495.86	479.05	484.73	1.99	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	508.55	515.91	511.54	512.00	0.72	ppb
Cadmium	106-1	502.68	510.37	516.61	509.89	1.37	ppb
Cadmium	111-1	505.59	511.18	506.91	507.89	0.58	ppb
Calcium	43-1	48028.47	49814.83	48273.74	48705.68	1.99	ppb
Calcium	44-1	48400.06	50239.17	48991.24	49210.16	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.33	503.27	514.34	509.98	1.16	ppb
Cobalt	59-2	516.67	510.19	516.08	514.31	0.70	ppb
Copper	63-2	5206.02	5215.44	5252.20	5224.55	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	24987.63	24907.09	25230.44	25041.72	0.67	ppb
Iron	56-2	26193.07	25603.92	25903.62	25900.20	1.14	ppb
Iron	57-2	24600.35	24096.17	24544.74	24413.75	1.13	ppb
Krypton	83-1						cps
Lead	206-1	2489.02	2485.40	2494.68	2489.70	0.19	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2482.16	2476.02	2521.13	2493.10	0.98	ppb
Lead	208-1	2483.69	2483.84	2506.15	2491.23	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	52851.14	51898.72	53567.24	52772.36	1.59	ppb
Manganese	55-2	4931.93	4857.07	4885.81	4891.61	0.77	ppb
Molybdenum	94-1	4989.92	5083.87	5035.49	5036.43	0.93	ppb
Molybdenum	95-1	5014.25	5094.50	5068.25	5059.00	0.81	ppb
Molybdenum	96-1	4998.16	5060.35	5042.30	5033.60	0.64	ppb
Molybdenum	97-1	5030.07	5128.22	5021.62	5059.97	1.17	ppb
Molybdenum	98-1	5040.78	5074.28	5012.08	5042.38	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.65	492.56	495.76	495.32	0.52	ppb
Phosphorus	31-2	9865.34	10291.19	10460.32	10205.61	3.00	ppb
Potassium	39-2	24422.02	24054.02	24233.48	24236.50	0.76	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	496.95	505.54	495.27	499.25	1.10	ppb
Selenium	77-2	541.62	478.46	486.84	502.31	6.83	ppb
Selenium	78-2	503.97	495.35	472.98	490.77	3.26	ppb
Silicon	28-1	509.39	516.89	505.06	510.44	1.17	ppb
Silver	107-1	517.48	505.30	512.84	511.87	1.20	ppb
Silver	109-1	511.69	513.01	508.94	511.21	0.41	ppb
Sodium	23-2	53587.14	52773.10	52646.79	53002.34	0.96	ppb
Strontium	86-1	12519.26	12731.76	12692.78	12647.93	0.89	ppb
Strontium	88-1	12522.77	12791.40	12504.41	12606.19	1.27	ppb
Sulfur	34-1	10071.41	10614.81	10015.73	10233.98	3.23	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	500.73	501.80	501.37	501.30	0.11	ppb
Thallium	205-1	507.10	498.06	506.12	503.76	0.98	ppb
Tin	118-1	505.78	502.95	482.95	497.23	2.50	ppb
Titanium	47-1	5067.39	5168.06	5125.70	5120.38	0.99	ppb
Uranium	238-1	494.44	497.09	503.70	498.41	0.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	512.99	507.01	510.54	510.18	0.59	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	5096.84	5045.86	5098.57	5080.42	0.59	ppb
Zirconium	90-1	503.69	512.71	509.26	508.55	0.89	ppb
Zirconium	91-1	476.29	492.08	484.87	484.41	1.63	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21122.54	19947.30	19410.31	20160.05	4.34	ppb
Antimony	121-1	998.60	1002.38	999.12	1000.03	0.20	ppb
Arsenic	75-2	1056.18	971.62	967.20	998.33	5.02	ppb
Barium	135-1	4955.18	5062.41	4963.04	4993.54	1.20	ppb
Barium	137-1	4935.52	5036.25	4963.95	4978.57	1.04	ppb
Beryllium	9-1	994.37	1022.17	1008.25	1008.27	1.38	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	972.59	1002.72	997.01	990.77	1.62	ppb
Cadmium	106-1	979.78	999.88	996.82	992.16	1.09	ppb
Cadmium	111-1	979.94	999.91	998.24	992.70	1.12	ppb
Calcium	43-1	93396.82	96336.81	97997.33	95910.32	2.43	ppb
Calcium	44-1	94295.10	98471.27	100602.70	97789.69	3.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1052.37	981.56	952.58	995.50	5.16	ppb
Cobalt	59-2	1041.36	980.13	952.86	991.45	4.57	ppb
Copper	63-2	10431.83	9703.86	9467.41	9867.70	5.09	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				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	51007.12	47993.93	46511.19	48504.08	4.72	ppb
Iron	56-2	52092.68	49176.01	48030.89	49766.53	4.21	ppb
Iron	57-2	49485.24	46615.20	45371.36	47157.26	4.47	ppb
Krypton	83-1						cps
Lead	206-1	4941.59	5045.39	5011.77	4999.58	1.06	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4944.24	5018.31	5022.77	4995.11	0.88	ppb
Lead	208-1	4968.03	5030.66	5003.25	5000.65	0.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	105530.37	99703.51	96034.77	100422.88	4.77	ppb
Manganese	55-2	10584.02	9931.68	9746.24	10087.31	4.36	ppb
Molybdenum	94-1	9776.02	10077.34	10035.05	9962.80	1.64	ppb
Molybdenum	95-1	9857.40	9983.33	10027.66	9956.13	0.89	ppb
Molybdenum	96-1	9888.27	10024.38	10009.32	9973.99	0.75	ppb
Molybdenum	97-1	9913.87	9937.33	10010.75	9953.99	0.51	ppb
Molybdenum	98-1	9834.49	10030.76	10029.58	9964.94	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1054.71	994.06	963.67	1004.15	4.62	ppb
Phosphorus	31-2	21286.30	19618.23	18813.92	19906.15	6.34	ppb
Potassium	39-2	49663.98	46558.48	45378.82	47200.43	4.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	983.90	1007.04	1001.93	997.62	1.22	ppb
Selenium	77-2	1082.74	955.30	980.83	1006.29	6.70	ppb
Selenium	78-2	1086.99	971.39	962.35	1006.91	6.90	ppb
Silicon	28-1	974.24	993.14	1008.44	991.94	1.73	ppb
Silver	107-1	984.14	1001.96	1002.72	996.27	1.06	ppb
Silver	109-1	994.60	996.29	995.59	995.49	0.09	ppb
Sodium	23-2	107255.71	100749.23	97885.41	101963.45	4.71	ppb
Strontium	86-1	24722.28	25028.74	24863.40	24871.47	0.62	ppb
Strontium	88-1	24763.05	25016.04	24868.05	24882.38	0.51	ppb
Sulfur	34-1	19130.77	19999.07	20342.13	19823.99	3.15	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	997.65	1010.92	1003.00	1003.85	0.67	ppb
Thallium	205-1	992.09	994.91	1006.26	997.75	0.75	ppb
Tin	118-1	1003.30	1002.96	1002.16	1002.81	0.06	ppb
Titanium	47-1	9604.58	10052.92	10114.35	9923.95	2.80	ppb
Uranium	238-1	994.78	1004.34	1002.84	1000.65	0.51	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1045.80	981.91	960.26	995.99	4.47	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	10447.77	9874.42	9559.94	9960.71	4.52	ppb
Zirconium	90-1	978.97	1001.16	1004.81	994.98	1.41	ppb
Zirconium	91-1	998.13	1013.23	1018.74	1010.03	1.06	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102986.74	101078.51	95696.34	99920.53	3.78	ppb
Antimony	121-1	0.43	0.39	0.41	0.41	4.88	ppb
Arsenic	75-2	0.44	0.49	0.67	0.53	22.57	ppb
Barium	135-1	2.78	2.66	2.38	2.60	8.00	ppb
Barium	137-1	2.62	2.68	2.60	2.63	1.57	ppb
Beryllium	9-1	0.49	0.42	0.45	0.45	8.10	ppb
Bismuth	209-1				76		%
Bismuth	209-2				74		%
Bromine	81-1						cps
Cadmium	108-1	0.67	1.03	0.89	0.86	20.68	ppb
Cadmium	106-1	-0.70	-0.18	0.82	-0.02		ppb
Cadmium	111-1	0.34	0.26	0.28	0.29	15.31	ppb
Calcium	43-1	494252.38	508718.79	499940.26	500970.48	1.45	ppb
Calcium	44-1	497707.61	500552.47	503280.46	500513.51	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.21	2.26	2.23	1.29	ppb
Cobalt	59-2	2.20	2.11	2.11	2.14	2.50	ppb
Copper	63-2	1.45	1.40	1.10	1.32	14.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				83		%
Indium	115-1				81		%
Indium	115-2				77		%
Iron	54-2	256486.70	255087.47	239350.85	250308.34	3.80	ppb
Iron	56-2	256858.40	254247.81	238715.80	249940.67	3.92	ppb
Iron	57-2	259025.97	254274.32	238685.26	250661.85	4.25	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.91	0.95	0.95	4.07	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.87	0.97	0.94	6.31	ppb
Lead	208-1	0.98	0.88	0.91	0.92	5.51	ppb
Lithium	6-1				79		%
Magnesium	24-2	514536.21	506657.77	477822.81	499672.27	3.87	ppb
Manganese	55-2	3.52	3.88	3.25	3.55	8.96	ppb
Molybdenum	94-1	4.93	4.61	4.49	4.68	4.77	ppb
Molybdenum	95-1	1.78	1.74	1.76	1.76	1.29	ppb
Molybdenum	96-1	3.17	2.87	2.74	2.93	7.45	ppb
Molybdenum	97-1	1.92	1.72	1.58	1.74	10.07	ppb
Molybdenum	98-1	1.67	1.65	1.48	1.60	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.98	3.26	2.70	2.98	9.39	ppb
Phosphorus	31-2	-8.84	-8.86	-3.20	-6.96		ppb
Potassium	39-2	256330.90	254273.52	241441.99	250682.14	3.22	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	82-1	0.94	-0.06	0.83	0.57	96.49	ppb
Selenium	77-2	5.18	0.00	0.00	1.73	173.21	ppb
Selenium	78-2	-0.40	-0.40	-0.40	-0.40		ppb
Silicon	28-1	2.08	1.79	1.60	1.82	13.35	ppb
Silver	107-1	0.16	0.11	0.15	0.14	20.09	ppb
Silver	109-1	0.16	0.15	0.13	0.15	9.92	ppb
Sodium	23-2	519062.98	504655.34	474047.52	499255.28	4.60	ppb
Strontium	86-1	79.03	76.61	74.49	76.71	2.96	ppb
Strontium	88-1	76.48	77.57	77.03	77.02	0.71	ppb
Sulfur	34-1	182.32	239.60	244.78	222.23	15.60	ppb
Terbium	159-1				87		%
Terbium	159-2				83		%
Thallium	203-1	0.13	0.12	0.09	0.12	17.08	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	18.59	ppb
Tin	118-1	0.27	0.25	0.24	0.26	5.86	ppb
Titanium	47-1	2.10	2.09	1.83	2.01	7.56	ppb
Uranium	238-1	0.11	0.07	0.08	0.09	23.21	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.29	0.33	0.29	0.30	7.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	5.39	5.80	4.98	5.39	7.68	ppb
Zirconium	90-1	1.79	1.70	1.74	1.74	2.36	ppb
Zirconium	91-1	1.82	1.91	1.83	1.85	2.60	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.99	479.94	482.39	485.77	1.66	ppb
Antimony	121-1	182.27	205.79	197.81	195.29	6.12	ppb
Arsenic	75-2	189.84	195.45	197.53	194.27	2.05	ppb
Barium	135-1	96.30	108.71	103.86	102.95	6.07	ppb
Barium	137-1	97.01	109.73	105.90	104.21	6.26	ppb
Beryllium	9-1	99.33	107.49	106.22	104.35	4.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	112.10	135.66	124.45	124.07	9.50	ppb
Cadmium	106-1	83.74	93.79	88.04	88.52	5.70	ppb
Cadmium	111-1	100.68	112.22	108.66	107.19	5.51	ppb
Calcium	43-1	1894.20	2125.94	2012.44	2010.86	5.76	ppb
Calcium	44-1	1877.85	2092.36	2019.60	1996.61	5.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.74	100.35	102.66	101.92	1.33	ppb
Cobalt	59-2	105.48	102.23	104.48	104.06	1.60	ppb
Copper	63-2	106.53	104.80	105.06	105.46	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				88		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	54-2	2066.93	2080.63	2084.67	2077.41	0.45	ppb
Iron	56-2	2046.82	1995.49	2021.21	2021.18	1.27	ppb
Iron	57-2	1979.46	1966.27	2013.34	1986.36	1.22	ppb
Krypton	83-1						cps
Lead	206-1	188.55	213.48	206.24	202.76	6.33	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	183.00	207.55	200.22	196.93	6.40	ppb
Lead	208-1	185.41	210.14	201.79	199.11	6.32	ppb
Lithium	6-1				80		%
Magnesium	24-2	1128.16	1129.28	1132.84	1130.09	0.22	ppb
Manganese	55-2	101.62	96.87	101.03	99.84	2.59	ppb
Molybdenum	94-1	3922.78	4401.81	4250.88	4191.82	5.84	ppb
Molybdenum	95-1	4856.67	5398.96	5144.04	5133.23	5.29	ppb
Molybdenum	96-1	4706.53	5220.14	5066.11	4997.59	5.27	ppb
Molybdenum	97-1	4830.89	5420.31	5211.33	5154.18	5.80	ppb
Molybdenum	98-1	4807.44	5368.64	5164.06	5113.38	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.01	98.39	101.54	100.98	2.34	ppb
Phosphorus	31-2	-19.34	-13.40	-26.74	-19.83		ppb
Potassium	39-2	2005.35	1941.77	1977.25	1974.79	1.61	ppb
Rhodium	103-1				86		%
Rhodium	103-2				91		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	203.46	228.81	216.42	216.23	5.86	ppb
Selenium	77-2	185.64	213.19	172.47	190.43	10.91	ppb
Selenium	78-2	197.46	197.18	212.89	202.51	4.44	ppb
Silicon	28-1	-0.01	0.33	0.21	0.18	95.17	ppb
Silver	107-1	46.57	52.69	50.31	49.86	6.19	ppb
Silver	109-1	46.83	53.31	50.74	50.30	6.49	ppb
Sodium	23-2	2078.29	2016.91	2077.59	2057.60	1.71	ppb
Strontium	86-1	7.18	6.38	5.84	6.47	10.47	ppb
Strontium	88-1	5.66	6.87	5.91	6.15	10.40	ppb
Sulfur	34-1	-303.25	335.31	16.96	16.34	1953.71	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	178.63	202.47	194.08	191.73	6.31	ppb
Thallium	205-1	195.65	216.33	213.06	208.35	5.34	ppb
Tin	118-1	0.06	0.07	0.04	0.06	23.26	ppb
Titanium	47-1	0.15	0.28	0.24	0.22	31.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.87	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.33	97.63	98.75	98.90	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				90		%
Zinc	66-2	208.08	200.34	208.44	205.62	2.23	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	53.45	ppb
Zirconium	91-1	0.10	0.07	0.09	0.09	17.00	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	-0.14	-0.46	0.08	842.26	ppb
Antimony	121-1	0.07	0.06	0.05	0.06	10.28	ppb
Arsenic	75-2	0.06	0.00	0.00	0.02	173.21	ppb
Barium	135-1	0.09	0.09	0.09	0.09	5.48	ppb
Barium	137-1	0.06	0.09	0.10	0.08	21.35	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	12.97	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.06	-0.05	-0.05	-0.02		ppb
Cadmium	106-1	-1.20	-1.28	0.06	-0.81		ppb
Cadmium	111-1	-0.06	-0.08	0.02	-0.04		ppb
Calcium	43-1	-0.95	1.26	-3.95	-1.21		ppb
Calcium	44-1	-0.89	-1.08	-1.15	-1.04		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.06	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	-0.04	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	54-2	1.55	0.69	-0.23	0.67	132.30	ppb
Iron	56-2	0.10	0.15	-0.06	0.07	166.11	ppb
Iron	57-2	0.15	-0.24	2.02	0.64	187.77	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	3.57	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.06	0.06	0.05	14.68	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.73	ppb
Lithium	6-1				83		%
Magnesium	24-2	-0.01	-1.01	-0.58	-0.54		ppb
Manganese	55-2	-0.19	-0.48	-0.40	-0.36		ppb
Molybdenum	94-1	0.31	0.23	0.21	0.25	21.11	ppb
Molybdenum	95-1	0.40	0.31	0.25	0.32	22.80	ppb
Molybdenum	96-1	0.37	0.32	0.23	0.31	24.39	ppb
Molybdenum	97-1	0.35	0.30	0.23	0.29	20.64	ppb
Molybdenum	98-1	0.38	0.39	0.24	0.34	25.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.03	-0.01	0.00		ppb
Phosphorus	31-2	-33.37	-5.99	-40.38	-26.58		ppb
Potassium	39-2	89.25	74.08	87.95	83.76	10.03	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.30	0.65	0.02	0.32	96.61	ppb
Selenium	77-2	4.72	0.00	4.71	3.14	86.60	ppb
Selenium	78-2	-0.40	0.93	-0.40	0.05	1670.00	ppb
Silicon	28-1	0.01	0.01	-0.02	0.00		ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.44	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.15	ppb
Sodium	23-2	129.69	121.10	120.39	123.73	4.18	ppb
Strontium	86-1	0.54	0.33	0.51	0.46	24.72	ppb
Strontium	88-1	-0.18	0.01	0.05	-0.04		ppb
Sulfur	34-1	-77.48	-8.60	54.75	-10.45		ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.02	0.01	0.02	14.88	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	25.97	ppb
Tin	118-1	-0.01	-0.02	0.01	0.00		ppb
Titanium	47-1	0.02	-0.04	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	-0.01	0.00	763.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	0.06	0.09	0.17	0.11	53.32	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	58.99	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	363.78	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91961.74	91107.91	92058.58	91709.41	0.57	ppb
Antimony	121-1	1.00	1.09	1.09	1.06	5.20	ppb
Arsenic	75-2	0.44	0.33	0.16	0.31	44.81	ppb
Barium	135-1	1.35	1.39	1.38	1.37	1.41	ppb
Barium	137-1	1.41	1.49	1.46	1.45	2.91	ppb
Beryllium	9-1	0.32	0.31	0.30	0.31	2.40	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	10.94	10.41	11.28	10.88	4.03	ppb
Cadmium	106-1	-0.76	0.05	-0.46	-0.39		ppb
Cadmium	111-1	0.25	0.58	0.34	0.39	43.47	ppb
Calcium	43-1	98093.40	96859.10	96541.50	97164.67	0.84	ppb
Calcium	44-1	100003.63	98545.66	98815.69	99121.66	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.07	18.47	19.31	18.95	2.28	ppb
Cobalt	59-2	1.17	1.15	1.16	1.16	0.74	ppb
Copper	63-2	7.35	7.61	7.52	7.49	1.79	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				93		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	54-2	104242.22	101696.16	102869.86	102936.08	1.24	ppb
Iron	56-2	101613.48	101448.85	103217.05	102093.13	0.96	ppb
Iron	57-2	95783.04	95575.09	96561.28	95973.14	0.54	ppb
Krypton	83-1						cps
Lead	206-1	4.51	4.55	4.62	4.56	1.20	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.33	4.08	4.17	4.19	3.10	ppb
Lead	208-1	4.32	4.25	4.34	4.30	1.02	ppb
Lithium	6-1				83		%
Magnesium	24-2	95184.93	94186.07	94399.34	94590.11	0.56	ppb
Manganese	55-2	6.45	6.31	6.30	6.35	1.33	ppb
Molybdenum	94-1	1640.60	1651.15	1651.09	1647.61	0.37	ppb
Molybdenum	95-1	2003.84	2031.94	2035.67	2023.82	0.86	ppb
Molybdenum	96-1	1962.22	1994.24	1982.94	1979.80	0.82	ppb
Molybdenum	97-1	2026.67	2044.75	2013.52	2028.32	0.77	ppb
Molybdenum	98-1	1987.71	2028.02	1997.79	2004.50	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.94	5.40	4.63	4.99	7.83	ppb
Phosphorus	31-2	100978.24	101054.90	100843.02	100958.72	0.11	ppb
Potassium	39-2	98532.58	98313.30	99312.21	98719.36	0.53	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	0.85	0.16	1.23	0.75	72.15	ppb
Selenium	77-2	0.00	0.00	4.49	1.50	173.21	ppb
Selenium	78-2	-0.40	-0.40	-0.40	-0.40		ppb
Silicon	28-1	1.68	1.60	1.60	1.62	2.82	ppb
Silver	107-1	0.09	0.07	0.06	0.07	23.32	ppb
Silver	109-1	0.09	0.08	0.07	0.08	14.24	ppb
Sodium	23-2	100347.30	98854.72	101037.62	100079.88	1.11	ppb
Strontium	86-1	841.16	823.57	823.91	829.55	1.21	ppb
Strontium	88-1	788.47	788.71	785.87	787.68	0.20	ppb
Sulfur	34-1	85061.15	82791.22	81953.92	83268.76	1.93	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.10	0.11	0.11	0.11	6.16	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	6.99	ppb
Tin	118-1	0.19	0.17	0.18	0.18	3.61	ppb
Titanium	47-1	2016.04	1989.91	1987.58	1997.84	0.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.79	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.17	0.14	0.17	0.16	8.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	11.64	10.43	10.24	10.77	7.05	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	32.02	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	34.22	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92177.28	92630.35	92553.04	92453.56	0.26	ppb
Antimony	121-1	20.14	20.12	19.61	19.95	1.51	ppb
Arsenic	75-2	21.27	22.57	19.08	20.98	8.42	ppb
Barium	135-1	21.66	21.04	21.27	21.32	1.48	ppb
Barium	137-1	21.23	21.35	20.98	21.19	0.88	ppb
Beryllium	9-1	20.87	20.72	20.73	20.77	0.41	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	28.39	27.40	24.81	26.87	6.89	ppb
Cadmium	106-1	15.38	15.16	14.19	14.91	4.23	ppb
Cadmium	111-1	20.42	19.76	20.28	20.15	1.73	ppb
Calcium	43-1	98540.84	97490.44	98214.40	98081.89	0.55	ppb
Calcium	44-1	100875.35	99473.47	99707.38	100018.73	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.46	39.20	39.81	39.16	1.72	ppb
Cobalt	59-2	21.35	21.62	21.29	21.42	0.82	ppb
Copper	63-2	27.19	27.40	27.75	27.44	1.03	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				96		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	54-2	102374.55	102185.25	103919.53	102826.44	0.93	ppb
Iron	56-2	101941.20	102846.17	102924.48	102570.62	0.53	ppb
Iron	57-2	96384.26	96825.43	97803.62	97004.44	0.75	ppb
Krypton	83-1						cps
Lead	206-1	24.80	24.99	24.60	24.80	0.79	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.12	24.34	23.82	24.09	1.08	ppb
Lead	208-1	24.14	24.35	24.03	24.17	0.69	ppb
Lithium	6-1				86		%
Magnesium	24-2	95841.97	95630.97	96221.72	95898.22	0.31	ppb
Manganese	55-2	25.64	24.50	25.87	25.34	2.88	ppb
Molybdenum	94-1	1637.58	1667.53	1640.03	1648.38	1.01	ppb
Molybdenum	95-1	2070.15	2023.78	2021.34	2038.42	1.35	ppb
Molybdenum	96-1	2001.08	1997.99	1960.25	1986.44	1.14	ppb
Molybdenum	97-1	2062.31	2054.61	2039.69	2052.20	0.56	ppb
Molybdenum	98-1	2023.92	2012.94	2007.78	2014.88	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.52	23.83	24.59	23.98	2.29	ppb
Phosphorus	31-2	103353.67	104189.69	104053.87	103865.74	0.43	ppb
Potassium	39-2	100422.73	101285.17	100394.66	100700.85	0.50	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	21.00	19.21	18.99	19.73	5.58	ppb
Selenium	77-2	8.98	13.37	4.44	8.93	50.00	ppb
Selenium	78-2	13.63	13.53	18.55	15.24	18.81	ppb
Silicon	28-1	1.81	1.82	1.81	1.81	0.17	ppb
Silver	107-1	18.48	18.62	18.64	18.58	0.47	ppb
Silver	109-1	18.65	18.99	18.78	18.81	0.92	ppb
Sodium	23-2	102309.94	102925.42	103069.13	102768.16	0.39	ppb
Strontium	86-1	835.64	845.21	831.11	837.32	0.86	ppb
Strontium	88-1	807.62	799.34	802.57	803.18	0.52	ppb
Sulfur	34-1	84946.51	85694.87	82899.82	84513.73	1.71	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	19.79	19.78	19.65	19.74	0.40	ppb
Thallium	205-1	20.05	19.94	20.09	20.03	0.39	ppb
Tin	118-1	0.20	0.14	0.14	0.16	21.80	ppb
Titanium	47-1	2033.93	2019.24	2008.22	2020.46	0.64	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	22.76	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.15	19.63	19.12	19.63	2.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	30.45	31.07	31.87	31.13	2.30	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	55.53	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	147.29	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49947.08	49591.28	48528.21	49355.52	1.50	ppb
Antimony	121-1	491.48	502.78	503.70	499.32	1.36	ppb
Arsenic	75-2	502.52	491.01	489.82	494.45	1.42	ppb
Barium	135-1	2509.74	2564.64	2596.63	2557.00	1.72	ppb
Barium	137-1	2487.13	2522.12	2551.52	2520.26	1.28	ppb
Beryllium	9-1	495.29	506.23	518.81	506.78	2.32	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	480.11	490.28	500.92	490.44	2.12	ppb
Cadmium	106-1	480.52	492.79	498.83	490.71	1.90	ppb
Cadmium	111-1	476.54	491.99	495.88	488.13	2.10	ppb
Calcium	43-1	246296.91	257257.55	248088.47	250547.64	2.35	ppb
Calcium	44-1	242988.32	254291.06	245619.35	247632.91	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.51	501.29	490.34	495.04	1.14	ppb
Cobalt	59-2	493.74	496.93	486.53	492.40	1.08	ppb
Copper	63-2	4880.15	4904.83	4854.10	4879.69	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				88		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				81		%
Iron	54-2	126064.72	127996.26	123745.31	125935.43	1.69	ppb
Iron	56-2	124467.65	125462.85	121948.49	123959.66	1.46	ppb
Iron	57-2	117715.28	118255.01	116010.22	117326.84	1.00	ppb
Krypton	83-1						cps
Lead	206-1	2507.53	2597.38	2603.64	2569.52	2.09	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2505.90	2617.83	2599.34	2574.36	2.33	ppb
Lead	208-1	2508.58	2607.16	2583.99	2566.58	2.01	ppb
Lithium	6-1				79		%
Magnesium	24-2	247173.17	245787.05	238759.67	243906.63	1.85	ppb
Manganese	55-2	4750.33	4745.97	4674.18	4723.49	0.91	ppb
Molybdenum	94-1	4979.30	5068.60	5194.57	5080.82	2.13	ppb
Molybdenum	95-1	4973.44	5092.42	5181.27	5082.38	2.05	ppb
Molybdenum	96-1	4972.46	5138.42	5208.00	5106.29	2.37	ppb
Molybdenum	97-1	5014.08	5174.27	5188.85	5125.73	1.89	ppb
Molybdenum	98-1	4951.17	5152.00	5160.64	5087.94	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.15	484.71	475.98	480.28	0.91	ppb
Phosphorus	31-2	9663.47	9699.29	9716.79	9693.18	0.28	ppb
Potassium	39-2	123764.43	123961.14	120146.40	122623.99	1.75	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	466.63	500.64	514.00	493.75	4.95	ppb
Selenium	77-2	399.67	530.53	586.13	505.44	18.94	ppb
Selenium	78-2	463.81	506.42	491.04	487.09	4.43	ppb
Silicon	28-1	518.97	543.90	521.56	528.14	2.59	ppb
Silver	107-1	492.44	505.27	508.75	502.15	1.71	ppb
Silver	109-1	495.82	506.39	514.56	505.59	1.86	ppb
Sodium	23-2	248259.52	248205.55	243917.55	246794.20	1.01	ppb
Strontium	86-1	12332.03	12870.67	12892.18	12698.29	2.50	ppb
Strontium	88-1	12512.01	12775.65	12990.69	12759.45	1.88	ppb
Sulfur	34-1	9783.31	10623.38	9982.22	10129.63	4.33	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	501.48	515.59	524.70	513.93	2.28	ppb
Thallium	205-1	506.47	527.54	525.92	519.98	2.25	ppb
Tin	118-1	467.65	481.46	482.87	477.33	1.76	ppb
Titanium	47-1	5105.97	5302.96	5125.65	5178.19	2.10	ppb
Uranium	238-1	515.81	546.00	543.59	535.13	3.14	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.63	502.61	492.00	498.74	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				85		%
Zinc	66-2	4836.84	4813.83	4751.97	4800.88	0.91	ppb
Zirconium	90-1	512.14	522.08	529.04	521.09	1.63	ppb
Zirconium	91-1	483.88	497.54	502.68	494.70	1.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.89	1.90	1.00	85.12	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	18.15	ppb
Arsenic	75-2	0.06	0.00	0.06	0.04	86.61	ppb
Barium	135-1	0.15	0.11	0.11	0.12	18.93	ppb
Barium	137-1	0.11	0.11	0.10	0.11	4.85	ppb
Beryllium	9-1	0.16	0.15	0.15	0.15	3.90	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	-0.10	-0.11	-0.10	-0.10		ppb
Cadmium	106-1	-1.28	-1.82	0.30	-0.93		ppb
Cadmium	111-1	-0.07	-0.13	0.02	-0.06		ppb
Calcium	43-1	-3.62	-0.84	-0.82	-1.76		ppb
Calcium	44-1	-0.83	-0.40	-1.00	-0.74		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.05	-0.03		ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	39.92	ppb
Copper	63-2	0.16	0.01	0.12	0.10	79.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	54-2	1.58	1.57	5.00	2.72	72.69	ppb
Iron	56-2	3.70	2.85	3.55	3.37	13.47	ppb
Iron	57-2	1.86	4.90	9.32	5.36	69.98	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.08	0.08	5.20	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.10	0.10	0.10	11.91	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.16	ppb
Lithium	6-1				79		%
Magnesium	24-2	5.75	5.36	7.53	6.21	18.64	ppb
Manganese	55-2	-0.45	-0.44	-0.45	-0.45		ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	15.06	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	6.54	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	10.18	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	37.57	ppb
Molybdenum	98-1	0.07	0.05	0.04	0.05	29.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.51	0.27	0.38	31.38	ppb
Phosphorus	31-2	-25.97	-18.39	-32.98	-25.78		ppb
Potassium	39-2	151.34	155.72	164.19	157.08	4.16	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	1.14	0.37	0.66	0.72	53.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	-0.40	-0.40	0.05	1442.29	ppb
Silicon	28-1	0.03	0.01	0.04	0.02	71.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.25	ppb
Silver	109-1	0.02	0.01	0.01	0.01	15.56	ppb
Sodium	23-2	186.78	191.97	180.19	186.31	3.17	ppb
Strontium	86-1	-0.09	-1.06	-0.84	-0.66		ppb
Strontium	88-1	-0.22	-0.14	-0.22	-0.19		ppb
Sulfur	34-1	-114.07	-86.22	7.96	-64.11		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.03	0.02	0.03	42.28	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	11.31	ppb
Tin	118-1	0.01	0.00	0.02	0.01	90.41	ppb
Titanium	47-1	0.02	0.02	-0.03	0.00	691.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.00	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				87		%
Zinc	66-2	-0.04	0.04	0.00	0.00	7035.16	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	1284.66	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32451.65	31839.93	32196.35	32162.64	0.96	ppb
Antimony	121-1	5.37	5.39	5.25	5.34	1.49	ppb
Arsenic	75-2	81.59	86.09	84.72	84.14	2.74	ppb
Barium	135-1	1423.59	1426.52	1407.04	1419.05	0.74	ppb
Barium	137-1	1523.55	1529.02	1523.81	1525.46	0.20	ppb
Beryllium	9-1	6.51	6.70	6.54	6.58	1.50	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	43.09	39.77	40.05	40.97	4.50	ppb
Cadmium	106-1	39.20	43.19	42.68	41.69	5.21	ppb
Cadmium	111-1	45.14	45.08	44.03	44.75	1.39	ppb
Calcium	43-1	162121.73	160730.76	159736.44	160862.98	0.74	ppb
Calcium	44-1	155605.87	156360.26	156257.42	156074.52	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.04	40.14	40.61	40.59	1.10	ppb
Cobalt	59-2	50.77	50.44	49.98	50.40	0.79	ppb
Copper	63-2	1095.07	1086.93	1095.37	1092.46	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	54-2	132216.25	129630.45	131641.38	131162.70	1.04	ppb
Iron	56-2	131266.98	129436.17	130999.84	130567.67	0.76	ppb
Iron	57-2	132250.06	131227.56	130335.80	131271.14	0.73	ppb
Krypton	83-1						cps
Lead	206-1	2946.31	2947.43	2934.08	2942.61	0.25	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2901.59	2912.24	2887.45	2900.43	0.43	ppb
Lead	208-1	2900.73	2919.54	2917.07	2912.45	0.35	ppb
Lithium	6-1				82		%
Magnesium	24-2	12452.98	12381.25	12296.42	12376.88	0.63	ppb
Manganese	55-2	8906.20	8848.51	8737.99	8830.90	0.97	ppb
Molybdenum	94-1	15.30	15.77	15.14	15.41	2.13	ppb
Molybdenum	95-1	6.28	6.36	6.22	6.29	1.13	ppb
Molybdenum	96-1	7.61	7.53	7.59	7.58	0.53	ppb
Molybdenum	97-1	6.34	6.35	5.91	6.20	4.06	ppb
Molybdenum	98-1	6.12	6.31	6.02	6.15	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	153.94	155.95	154.17	154.69	0.71	ppb
Phosphorus	31-2	4245.92	4194.44	4087.74	4176.03	1.93	ppb
Potassium	39-2	7096.67	6952.78	6995.01	7014.82	1.05	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	2.24	1.77	1.80	1.94	13.76	ppb
Selenium	77-2	61.71	40.68	65.63	56.01	23.95	ppb
Selenium	78-2	6.62	10.01	7.76	8.13	21.22	ppb
Silicon	28-1	204.89	203.17	202.64	203.57	0.58	ppb
Silver	107-1	17.36	17.69	17.42	17.49	1.02	ppb
Silver	109-1	17.57	17.95	17.49	17.67	1.41	ppb
Sodium	23-2	1341.83	1329.05	1358.69	1343.19	1.11	ppb
Strontium	86-1	18046.30	18317.30	18167.62	18177.07	0.75	ppb
Strontium	88-1	17994.39	18117.12	18095.41	18068.97	0.36	ppb
Sulfur	34-1	1209.38	1096.53	1172.48	1159.46	4.96	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	1.96	2.01	2.07	2.01	2.55	ppb
Thallium	205-1	2.05	2.01	1.98	2.01	1.69	ppb
Tin	118-1	68.26	67.75	66.93	67.64	0.99	ppb
Titanium	47-1	532.42	536.98	531.47	533.63	0.55	ppb
Uranium	238-1	6.01	5.95	5.94	5.96	0.61	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	129.03	131.34	130.74	130.37	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	8458.35	8373.36	8348.33	8393.35	0.69	ppb
Zirconium	90-1	5.69	5.70	5.69	5.69	0.15	ppb
Zirconium	91-1	5.71	5.76	5.56	5.68	1.81	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25749.92	25380.55	25970.30	25700.26	1.16	ppb
Antimony	121-1	5.14	5.29	5.25	5.22	1.49	ppb
Arsenic	75-2	108.31	105.76	114.42	109.49	4.06	ppb
Barium	135-1	1202.70	1230.16	1229.09	1220.65	1.27	ppb
Barium	137-1	1302.19	1319.96	1303.01	1308.39	0.77	ppb
Beryllium	9-1	4.89	5.00	4.96	4.95	1.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	43.25	45.41	43.46	44.04	2.71	ppb
Cadmium	106-1	43.94	43.80	39.53	42.43	5.91	ppb
Cadmium	111-1	46.14	47.26	47.09	46.83	1.29	ppb
Calcium	43-1	136708.04	140831.96	142309.28	139949.76	2.07	ppb
Calcium	44-1	134556.41	138112.49	139386.86	137351.92	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.68	37.18	37.43	37.43	0.67	ppb
Cobalt	59-2	47.54	46.35	47.43	47.11	1.40	ppb
Copper	63-2	1073.40	1051.23	1081.89	1068.84	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	54-2	130753.71	128401.80	131129.08	130094.86	1.14	ppb
Iron	56-2	131761.10	128755.37	132293.94	130936.80	1.46	ppb
Iron	57-2	131596.54	128655.43	131905.90	130719.29	1.37	ppb
Krypton	83-1						cps
Lead	206-1	2888.63	2883.70	2936.06	2902.80	1.00	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2825.81	2828.49	2925.14	2859.81	1.98	ppb
Lead	208-1	2849.70	2831.03	2914.23	2864.99	1.52	ppb
Lithium	6-1				84		%
Magnesium	24-2	12596.94	12386.14	12707.57	12563.55	1.30	ppb
Manganese	55-2	8533.63	8353.88	8629.48	8505.66	1.64	ppb
Molybdenum	94-1	11.67	11.92	11.89	11.83	1.18	ppb
Molybdenum	95-1	5.96	6.01	6.20	6.06	2.07	ppb
Molybdenum	96-1	6.64	7.03	6.91	6.86	2.87	ppb
Molybdenum	97-1	6.03	5.84	6.03	5.97	1.84	ppb
Molybdenum	98-1	5.90	5.81	5.81	5.84	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.34	171.15	175.66	173.71	1.33	ppb
Phosphorus	31-2	3248.90	3169.57	3707.64	3375.37	8.61	ppb
Potassium	39-2	7839.77	7753.56	7895.91	7829.75	0.92	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	2.01	1.20	1.69	1.63	24.73	ppb
Selenium	77-2	74.67	45.83	45.86	55.45	30.01	ppb
Selenium	78-2	12.57	12.63	10.26	11.82	11.41	ppb
Silicon	28-1	189.32	192.35	197.51	193.06	2.15	ppb
Silver	107-1	20.10	20.56	20.52	20.39	1.24	ppb
Silver	109-1	20.22	20.60	20.90	20.58	1.64	ppb
Sodium	23-2	970.86	951.09	977.07	966.34	1.40	ppb
Strontium	86-1	13926.56	14150.39	14187.35	14088.10	1.00	ppb
Strontium	88-1	14046.88	14074.75	14043.43	14055.02	0.12	ppb
Sulfur	34-1	1025.39	1118.52	1262.71	1135.54	10.53	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	1.83	1.87	1.97	1.89	3.81	ppb
Thallium	205-1	1.97	1.91	1.99	1.95	2.16	ppb
Tin	118-1	72.10	73.49	73.75	73.11	1.22	ppb
Titanium	47-1	288.71	295.17	294.40	292.76	1.21	ppb
Uranium	238-1	5.06	5.13	5.23	5.14	1.63	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	124.23	122.45	126.63	124.43	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	8437.74	8298.99	8517.07	8417.93	1.31	ppb
Zirconium	90-1	3.79	3.73	3.81	3.78	1.15	ppb
Zirconium	91-1	3.76	3.78	3.89	3.81	1.91	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12028.14	12121.44	11889.19	12012.92	0.97	ppb
Antimony	121-1	1.99	1.90	2.01	1.97	3.11	ppb
Arsenic	75-2	16.09	16.21	16.92	16.41	2.74	ppb
Barium	135-1	421.40	426.09	432.77	426.75	1.34	ppb
Barium	137-1	428.41	430.60	436.81	431.94	1.01	ppb
Beryllium	9-1	2.19	2.27	2.24	2.24	1.87	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	13.35	13.68	12.63	13.22	4.02	ppb
Cadmium	106-1	10.66	10.83	11.23	10.91	2.67	ppb
Cadmium	111-1	3.33	3.45	3.62	3.46	4.16	ppb
Calcium	43-1	611228.42	638117.19	639318.63	629554.75	2.52	ppb
Calcium	44-1	605427.16	627289.43	629738.97	620818.52	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.60	110.28	106.47	107.78	2.01	ppb
Cobalt	59-2	19.62	19.65	19.21	19.49	1.26	ppb
Copper	63-2	108.73	109.00	110.48	109.40	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	54-2	42246.11	42487.31	41857.31	42196.91	0.75	ppb
Iron	56-2	44268.96	45285.88	43832.03	44462.29	1.68	ppb
Iron	57-2	41624.50	42445.78	41339.13	41803.14	1.37	ppb
Krypton	83-1						cps
Lead	206-1	290.18	283.60	290.54	288.11	1.36	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	280.34	272.85	282.86	278.68	1.87	ppb
Lead	208-1	293.29	276.40	284.00	284.56	2.97	ppb
Lithium	6-1				83		%
Magnesium	24-2	308353.64	310652.43	305502.30	308169.45	0.84	ppb
Manganese	55-2	4173.33	4215.20	4108.37	4165.64	1.29	ppb
Molybdenum	94-1	8.47	8.35	8.25	8.36	1.29	ppb
Molybdenum	95-1	4.41	4.25	4.61	4.42	4.08	ppb
Molybdenum	96-1	4.81	4.84	5.03	4.89	2.49	ppb
Molybdenum	97-1	4.30	4.13	4.29	4.24	2.26	ppb
Molybdenum	98-1	4.10	4.24	4.39	4.25	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.50	49.09	47.82	48.14	1.74	ppb
Phosphorus	31-2	3808.03	3679.49	3954.88	3814.14	3.61	ppb
Potassium	39-2	4395.91	4432.93	4317.79	4382.21	1.34	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	1.41	2.23	2.65	2.10	30.20	ppb
Selenium	77-2	31.65	26.70	17.92	25.42	27.34	ppb
Selenium	78-2	7.31	7.19	5.97	6.83	10.86	ppb
Silicon	28-1	521.64	545.11	545.33	537.36	2.53	ppb
Silver	107-1	0.99	1.03	1.01	1.01	2.08	ppb
Silver	109-1	1.04	1.06	1.09	1.06	2.20	ppb
Sodium	23-2	996.85	1007.46	1004.74	1003.02	0.55	ppb
Strontium	86-1	8851.46	8774.65	8903.32	8843.14	0.73	ppb
Strontium	88-1	8919.98	8929.06	8952.25	8933.76	0.19	ppb
Sulfur	34-1	1150.58	1585.84	1491.53	1409.32	16.25	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.40	0.36	0.45	0.40	10.75	ppb
Thallium	205-1	0.36	0.37	0.41	0.38	6.85	ppb
Tin	118-1	6.61	6.55	6.82	6.66	2.14	ppb
Titanium	47-1	274.99	288.59	287.25	283.61	2.64	ppb
Uranium	238-1	4.12	4.03	4.13	4.09	1.46	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	59.29	57.92	58.76	58.66	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	1148.92	1157.24	1140.78	1148.98	0.72	ppb
Zirconium	90-1	2.56	2.56	2.59	2.57	0.64	ppb
Zirconium	91-1	2.68	2.53	2.60	2.60	2.87	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13711.33	14023.47	13636.86	13790.55	1.49	ppb
Antimony	121-1	1.81	1.85	1.97	1.88	4.34	ppb
Arsenic	75-2	22.52	23.35	22.51	22.79	2.13	ppb
Barium	135-1	540.73	548.40	552.13	547.09	1.06	ppb
Barium	137-1	546.81	554.69	562.88	554.80	1.45	ppb
Beryllium	9-1	2.70	2.47	2.62	2.60	4.63	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	12.89	13.46	14.76	13.70	6.99	ppb
Cadmium	106-1	12.36	11.95	13.26	12.52	5.33	ppb
Cadmium	111-1	7.75	7.65	7.63	7.68	0.85	ppb
Calcium	43-1	616735.30	630860.44	626928.69	624841.48	1.17	ppb
Calcium	44-1	617169.40	627190.87	624431.81	622930.69	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.78	53.29	50.99	52.35	2.31	ppb
Cobalt	59-2	21.11	21.47	20.58	21.06	2.13	ppb
Copper	63-2	184.15	192.10	184.70	186.99	2.38	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				90		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	54-2	47167.57	49009.04	46842.23	47672.95	2.45	ppb
Iron	56-2	49479.51	50995.24	49489.61	49988.12	1.74	ppb
Iron	57-2	47138.95	48119.56	46456.09	47238.20	1.77	ppb
Krypton	83-1						cps
Lead	206-1	552.03	563.64	566.52	560.73	1.37	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	544.10	552.29	560.54	552.31	1.49	ppb
Lead	208-1	564.28	582.28	585.18	577.25	1.96	ppb
Lithium	6-1				82		%
Magnesium	24-2	296632.47	305275.40	293777.04	298561.63	2.01	ppb
Manganese	55-2	4193.83	4332.30	4169.63	4231.92	2.07	ppb
Molybdenum	94-1	7.91	7.83	7.75	7.83	1.01	ppb
Molybdenum	95-1	3.85	3.87	4.01	3.91	2.30	ppb
Molybdenum	96-1	4.36	4.52	4.51	4.46	1.99	ppb
Molybdenum	97-1	3.70	3.98	3.96	3.88	4.09	ppb
Molybdenum	98-1	3.89	3.79	3.77	3.82	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.61	60.71	58.39	58.90	2.74	ppb
Phosphorus	31-2	3726.52	3903.45	3740.44	3790.14	2.60	ppb
Potassium	39-2	3922.67	4036.95	3961.70	3973.77	1.46	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	2.37	2.48	2.73	2.52	7.25	ppb
Selenium	77-2	26.54	22.36	31.39	26.76	16.89	ppb
Selenium	78-2	8.40	5.96	2.15	5.50	57.21	ppb
Silicon	28-1	363.80	367.55	367.50	366.28	0.59	ppb
Silver	107-1	2.21	2.25	2.26	2.24	1.12	ppb
Silver	109-1	2.15	2.35	2.24	2.25	4.30	ppb
Sodium	23-2	1159.35	1221.70	1158.29	1179.78	3.08	ppb
Strontium	86-1	9661.68	9792.29	9793.17	9749.05	0.78	ppb
Strontium	88-1	9810.28	9840.35	9930.28	9860.30	0.63	ppb
Sulfur	34-1	1058.43	1190.38	1156.29	1135.03	6.03	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.57	0.54	0.59	0.57	4.10	ppb
Thallium	205-1	0.55	0.57	0.57	0.56	1.52	ppb
Tin	118-1	8.64	8.95	9.05	8.88	2.41	ppb
Titanium	47-1	242.50	243.57	245.16	243.75	0.55	ppb
Uranium	238-1	5.45	5.64	5.57	5.55	1.73	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	67.87	69.12	68.73	68.57	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	1744.82	1790.57	1719.52	1751.64	2.06	ppb
Zirconium	90-1	2.40	2.42	2.34	2.39	1.95	ppb
Zirconium	91-1	2.52	2.66	2.44	2.54	4.34	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22578.57	22904.92	22027.68	22503.72	1.97	ppb
Antimony	121-1	2.96	2.98	2.96	2.97	0.50	ppb
Arsenic	75-2	43.29	43.52	41.40	42.74	2.73	ppb
Barium	135-1	835.18	839.89	844.64	839.90	0.56	ppb
Barium	137-1	842.18	847.81	849.31	846.44	0.44	ppb
Beryllium	9-1	3.57	3.58	3.68	3.61	1.72	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	12.10	13.40	14.91	13.47	10.45	ppb
Cadmium	106-1	13.97	13.35	14.96	14.09	5.76	ppb
Cadmium	111-1	14.33	14.30	14.47	14.36	0.65	ppb
Calcium	43-1	167832.66	170904.44	172059.60	170265.57	1.28	ppb
Calcium	44-1	166794.34	167465.48	166898.78	167052.87	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.38	35.96	34.42	35.26	2.20	ppb
Cobalt	59-2	29.28	30.29	29.25	29.61	1.99	ppb
Copper	63-2	318.53	328.42	319.38	322.11	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	54-2	83394.82	85805.70	82110.46	83770.33	2.24	ppb
Iron	56-2	81962.55	84592.33	81385.74	82646.88	2.07	ppb
Iron	57-2	77509.71	79134.32	77154.34	77932.79	1.35	ppb
Krypton	83-1						cps
Lead	206-1	1133.71	1119.60	1131.64	1128.32	0.68	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1113.20	1098.24	1121.44	1110.96	1.06	ppb
Lead	208-1	1115.98	1096.53	1117.72	1110.08	1.06	ppb
Lithium	6-1				83		%
Magnesium	24-2	35730.07	35646.06	34205.40	35193.85	2.44	ppb
Manganese	55-2	3865.58	3970.78	3822.00	3886.12	1.97	ppb
Molybdenum	94-1	9.81	10.16	9.97	9.98	1.75	ppb
Molybdenum	95-1	5.52	5.33	5.70	5.52	3.41	ppb
Molybdenum	96-1	6.11	6.08	6.21	6.13	1.10	ppb
Molybdenum	97-1	5.27	5.34	5.51	5.37	2.27	ppb
Molybdenum	98-1	5.34	5.24	5.24	5.27	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.09	94.58	92.72	94.13	1.33	ppb
Phosphorus	31-2	3291.23	3307.78	2785.94	3128.32	9.48	ppb
Potassium	39-2	5532.45	5666.75	5422.13	5540.45	2.21	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	1.99	3.40	1.46	2.28	43.83	ppb
Selenium	77-2	75.12	111.46	57.82	81.47	33.60	ppb
Selenium	78-2	12.65	11.33	8.99	10.99	16.85	ppb
Silicon	28-1	257.14	253.28	260.39	256.94	1.38	ppb
Silver	107-1	4.79	4.94	4.91	4.88	1.59	ppb
Silver	109-1	4.98	4.92	4.94	4.95	0.63	ppb
Sodium	23-2	1598.86	1667.72	1597.52	1621.37	2.48	ppb
Strontium	86-1	11429.29	11728.74	11795.97	11651.33	1.68	ppb
Strontium	88-1	11609.68	11729.19	11806.03	11714.97	0.84	ppb
Sulfur	34-1	1061.26	813.48	916.80	930.52	13.37	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	1.05	1.03	1.08	1.05	2.23	ppb
Thallium	205-1	1.02	1.03	1.09	1.04	3.65	ppb
Tin	118-1	76.43	76.90	77.54	76.96	0.72	ppb
Titanium	47-1	242.41	237.91	243.56	241.30	1.24	ppb
Uranium	238-1	4.81	4.80	4.88	4.83	0.93	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	109.20	111.85	107.51	109.52	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2893.35	3024.45	2927.45	2948.42	2.31	ppb
Zirconium	90-1	2.94	3.16	2.99	3.03	3.83	ppb
Zirconium	91-1	3.01	3.10	2.99	3.03	2.02	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26741.83	26846.68	26430.78	26673.10	0.81	ppb
Antimony	121-1	2.62	2.73	2.61	2.65	2.50	ppb
Arsenic	75-2	42.87	46.75	43.71	44.44	4.59	ppb
Barium	135-1	912.50	931.71	923.14	922.45	1.04	ppb
Barium	137-1	921.21	940.54	922.91	928.22	1.15	ppb
Beryllium	9-1	4.39	4.49	4.29	4.39	2.18	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	16.17	17.66	17.02	16.95	4.41	ppb
Cadmium	106-1	17.44	18.09	17.04	17.52	3.03	ppb
Cadmium	111-1	17.80	18.36	17.80	17.99	1.77	ppb
Calcium	43-1	181566.82	180797.33	180136.73	180833.62	0.40	ppb
Calcium	44-1	176151.29	177629.66	178093.44	177291.46	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.48	41.76	40.99	41.41	0.94	ppb
Cobalt	59-2	34.86	34.72	35.41	35.00	1.04	ppb
Copper	63-2	449.19	448.75	447.63	448.52	0.18	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				96		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	102854.89	102972.92	102654.41	102827.41	0.16	ppb
Iron	56-2	101089.97	100703.46	101478.99	101090.81	0.38	ppb
Iron	57-2	96082.65	95185.68	95053.89	95440.74	0.59	ppb
Krypton	83-1						cps
Lead	206-1	1713.93	1745.61	1732.11	1730.55	0.92	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1756.19	1753.86	1750.61	1753.55	0.16	ppb
Lead	208-1	1724.82	1734.44	1712.75	1724.00	0.63	ppb
Lithium	6-1				81		%
Magnesium	24-2	27451.07	27659.95	27359.72	27490.25	0.56	ppb
Manganese	55-2	5630.33	5650.53	5602.37	5627.75	0.43	ppb
Molybdenum	94-1	11.24	11.72	11.36	11.44	2.17	ppb
Molybdenum	95-1	5.75	5.76	5.80	5.77	0.45	ppb
Molybdenum	96-1	6.53	6.61	6.54	6.56	0.72	ppb
Molybdenum	97-1	5.59	5.87	5.95	5.80	3.22	ppb
Molybdenum	98-1	5.63	5.87	5.77	5.76	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.05	156.46	153.18	155.23	1.15	ppb
Phosphorus	31-2	3184.67	3554.20	2996.16	3245.01	8.75	ppb
Potassium	39-2	6358.06	6249.88	6323.95	6310.63	0.88	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	1.98	1.55	1.92	1.82	12.96	ppb
Selenium	77-2	68.74	80.74	60.25	69.91	14.72	ppb
Selenium	78-2	7.64	15.67	8.74	10.68	40.72	ppb
Silicon	28-1	333.85	336.70	339.89	336.81	0.90	ppb
Silver	107-1	6.34	6.47	6.48	6.43	1.23	ppb
Silver	109-1	6.58	6.60	6.55	6.58	0.34	ppb
Sodium	23-2	1703.55	1723.89	1713.55	1713.66	0.59	ppb
Strontium	86-1	12866.16	13036.60	12859.81	12920.86	0.78	ppb
Strontium	88-1	12932.56	12837.79	12697.41	12822.58	0.92	ppb
Sulfur	34-1	1213.58	1145.42	1337.47	1232.15	7.90	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	1.08	1.10	1.08	1.09	1.13	ppb
Thallium	205-1	1.09	1.10	1.13	1.11	1.60	ppb
Tin	118-1	160.43	164.50	162.33	162.42	1.25	ppb
Titanium	47-1	282.71	287.20	288.11	286.01	1.01	ppb
Uranium	238-1	5.13	5.16	5.19	5.16	0.57	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	126.51	126.48	124.08	125.69	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	4018.46	4032.54	3969.16	4006.72	0.83	ppb
Zirconium	90-1	3.57	3.63	3.52	3.57	1.67	ppb
Zirconium	91-1	3.57	3.66	3.47	3.57	2.67	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10378.72	10470.43	10625.45	10491.53	1.19	ppb
Antimony	121-1	1.48	1.49	1.52	1.50	1.19	ppb
Arsenic	75-2	15.41	15.55	15.72	15.56	1.01	ppb
Barium	135-1	383.62	380.82	387.47	383.97	0.87	ppb
Barium	137-1	391.15	386.59	393.12	390.28	0.86	ppb
Beryllium	9-1	2.15	2.10	2.07	2.10	1.86	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	3.84	4.36	4.92	4.37	12.36	ppb
Cadmium	106-1	4.04	4.92	5.00	4.65	11.45	ppb
Cadmium	111-1	3.62	3.47	3.34	3.48	4.02	ppb
Calcium	43-1	623530.15	614114.49	609495.84	615713.49	1.16	ppb
Calcium	44-1	619077.61	611772.64	606079.87	612310.04	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.24	87.20	86.54	86.99	0.45	ppb
Cobalt	59-2	21.00	20.38	21.11	20.83	1.91	ppb
Copper	63-2	95.42	96.82	99.27	97.17	2.00	ppb
Dysprosium	156-1						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				89		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	54-2	40287.65	40834.99	41505.25	40875.96	1.49	ppb
Iron	56-2	42114.90	42463.67	43745.56	42774.71	2.01	ppb
Iron	57-2	39626.06	40189.59	40998.50	40271.38	1.71	ppb
Krypton	83-1						cps
Lead	206-1	285.43	280.45	287.99	284.62	1.35	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	275.52	273.45	278.73	275.90	0.97	ppb
Lead	208-1	280.06	274.74	281.44	278.74	1.27	ppb
Lithium	6-1				79		%
Magnesium	24-2	300884.60	303479.78	310000.06	304788.15	1.54	ppb
Manganese	55-2	3770.35	3842.44	3916.65	3843.15	1.90	ppb
Molybdenum	94-1	7.83	7.53	7.88	7.75	2.47	ppb
Molybdenum	95-1	4.39	4.09	4.42	4.30	4.27	ppb
Molybdenum	96-1	4.76	4.70	4.68	4.72	0.93	ppb
Molybdenum	97-1	4.36	4.15	4.28	4.26	2.46	ppb
Molybdenum	98-1	4.29	4.03	4.21	4.18	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.68	45.98	46.16	45.94	0.53	ppb
Phosphorus	31-2	3227.89	3507.59	3389.24	3374.91	4.16	ppb
Potassium	39-2	3290.75	3323.63	3391.38	3335.25	1.54	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	1.90	1.35	1.43	1.56	19.18	ppb
Selenium	77-2	13.69	27.52	50.31	30.51	60.62	ppb
Selenium	78-2	6.09	6.12	11.30	7.84	38.29	ppb
Silicon	28-1	440.99	440.85	434.95	438.93	0.78	ppb
Silver	107-1	0.93	0.93	0.93	0.93	0.46	ppb
Silver	109-1	0.98	0.92	0.95	0.95	3.53	ppb
Sodium	23-2	886.62	890.17	914.57	897.12	1.70	ppb
Strontium	86-1	7937.76	7816.54	7944.21	7899.50	0.91	ppb
Strontium	88-1	7985.69	7893.12	8002.49	7960.43	0.74	ppb
Sulfur	34-1	969.80	846.06	780.72	865.53	11.09	ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	0.28	0.27	0.32	0.29	7.95	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	3.05	ppb
Tin	118-1	4.74	4.79	4.86	4.80	1.26	ppb
Titanium	47-1	248.63	246.52	241.58	245.57	1.47	ppb
Uranium	238-1	3.66	3.63	3.63	3.64	0.56	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	52.30	53.58	54.04	53.30	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	1064.16	1066.05	1102.96	1077.73	2.03	ppb
Zirconium	90-1	2.28	2.27	2.28	2.27	0.30	ppb
Zirconium	91-1	2.31	2.34	2.41	2.35	2.20	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22498.59	22554.99	22138.37	22397.32	1.01	ppb
Antimony	121-1	3.16	3.18	3.19	3.18	0.45	ppb
Arsenic	75-2	44.56	43.74	45.12	44.47	1.57	ppb
Barium	135-1	853.16	869.31	879.96	867.48	1.56	ppb
Barium	137-1	864.09	875.45	885.05	874.86	1.20	ppb
Beryllium	9-1	3.96	3.88	3.93	3.92	1.08	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	13.88	14.03	15.58	14.50	6.50	ppb
Cadmium	106-1	15.74	15.95	16.41	16.03	2.11	ppb
Cadmium	111-1	14.75	15.43	15.51	15.23	2.73	ppb
Calcium	43-1	306256.51	320158.44	310856.13	312423.69	2.27	ppb
Calcium	44-1	304773.76	316182.42	309098.78	310018.32	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.52	72.76	73.34	73.54	1.22	ppb
Cobalt	59-2	31.23	31.00	31.97	31.40	1.60	ppb
Copper	63-2	352.27	355.92	353.82	354.00	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				93		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	54-2	97253.63	95431.13	97407.98	96697.58	1.14	ppb
Iron	56-2	96454.40	94970.09	96036.83	95820.44	0.80	ppb
Iron	57-2	89691.13	89728.82	90371.09	89930.35	0.42	ppb
Krypton	83-1						cps
Lead	206-1	1253.07	1282.84	1310.93	1282.28	2.26	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1232.50	1256.87	1251.99	1247.12	1.03	ppb
Lead	208-1	1226.26	1253.44	1267.36	1249.02	1.67	ppb
Lithium	6-1				81		%
Magnesium	24-2	104967.46	103967.49	103463.00	104132.65	0.74	ppb
Manganese	55-2	4993.60	4945.32	4990.91	4976.61	0.55	ppb
Molybdenum	94-1	12.01	12.42	12.11	12.18	1.73	ppb
Molybdenum	95-1	5.46	5.75	5.58	5.60	2.58	ppb
Molybdenum	96-1	6.53	6.87	6.47	6.62	3.28	ppb
Molybdenum	97-1	5.87	5.82	5.83	5.84	0.47	ppb
Molybdenum	98-1	5.58	5.72	5.62	5.64	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.84	99.84	97.80	99.16	1.19	ppb
Phosphorus	31-2	4159.95	3819.57	3890.71	3956.74	4.54	ppb
Potassium	39-2	5707.21	5663.02	5695.42	5688.55	0.40	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	1.70	1.99	3.45	2.38	39.37	ppb
Selenium	77-2	51.36	85.22	60.40	65.66	26.69	ppb
Selenium	78-2	11.77	12.92	15.54	13.41	14.42	ppb
Silicon	28-1	390.87	410.35	396.83	399.35	2.50	ppb
Silver	107-1	4.81	5.03	5.12	4.99	3.25	ppb
Silver	109-1	5.07	5.07	5.15	5.10	0.88	ppb
Sodium	23-2	1342.19	1358.74	1353.71	1351.54	0.63	ppb
Strontium	86-1	13984.16	14243.26	14206.17	14144.53	0.99	ppb
Strontium	88-1	14050.06	14405.83	14346.75	14267.55	1.34	ppb
Sulfur	34-1	1441.60	1782.96	1440.30	1554.95	12.70	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.83	0.79	0.79	0.80	2.92	ppb
Thallium	205-1	0.78	0.78	0.78	0.78	0.31	ppb
Tin	118-1	14.93	15.37	15.58	15.29	2.17	ppb
Titanium	47-1	366.89	382.20	373.61	374.23	2.05	ppb
Uranium	238-1	6.42	6.66	6.58	6.56	1.86	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	111.00	110.30	111.71	111.01	0.63	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	3813.81	3823.19	3856.29	3831.10	0.58	ppb
Zirconium	90-1	4.01	4.03	4.01	4.01	0.25	ppb
Zirconium	91-1	4.14	4.10	4.13	4.12	0.51	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26957.65	26456.16	25978.16	26463.99	1.85	ppb
Antimony	121-1	3.03	3.00	3.04	3.02	0.76	ppb
Arsenic	75-2	53.33	54.89	54.20	54.14	1.44	ppb
Barium	135-1	1025.31	1031.54	1043.03	1033.29	0.87	ppb
Barium	137-1	1106.49	1124.92	1126.37	1119.26	0.99	ppb
Beryllium	9-1	4.23	4.36	4.40	4.33	2.01	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	20.82	20.18	20.18	20.39	1.82	ppb
Cadmium	106-1	20.83	21.56	21.96	21.45	2.66	ppb
Cadmium	111-1	21.33	22.28	23.26	22.29	4.33	ppb
Calcium	43-1	179141.44	179783.64	180377.99	179767.69	0.34	ppb
Calcium	44-1	175433.52	173946.48	178440.66	175940.22	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.88	42.76	40.88	41.84	2.25	ppb
Cobalt	59-2	38.98	37.35	36.92	37.75	2.87	ppb
Copper	63-2	475.93	467.26	460.68	467.96	1.63	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				94		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	54-2	106141.57	103989.23	103973.29	104701.36	1.19	ppb
Iron	56-2	106747.23	103630.39	102816.19	104397.93	1.99	ppb
Iron	57-2	100316.04	98097.06	96741.71	98384.93	1.83	ppb
Krypton	83-1						cps
Lead	206-1	1418.95	1399.11	1446.06	1421.37	1.66	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1382.16	1349.96	1408.51	1380.21	2.12	ppb
Lead	208-1	1385.63	1362.60	1405.65	1384.63	1.56	ppb
Lithium	6-1				80		%
Magnesium	24-2	22006.01	21520.95	21208.14	21578.36	1.86	ppb
Manganese	55-2	5264.94	5143.43	5115.52	5174.63	1.54	ppb
Molybdenum	94-1	11.86	12.47	12.27	12.20	2.56	ppb
Molybdenum	95-1	5.60	5.69	5.66	5.65	0.78	ppb
Molybdenum	96-1	6.55	6.52	6.59	6.55	0.60	ppb
Molybdenum	97-1	5.85	5.59	5.56	5.67	2.81	ppb
Molybdenum	98-1	5.71	5.65	5.71	5.69	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.15	116.59	113.88	116.54	2.26	ppb
Phosphorus	31-2	3351.10	3415.58	3506.93	3424.54	2.29	ppb
Potassium	39-2	6745.78	6662.69	6573.14	6660.54	1.30	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	2.05	2.02	2.26	2.11	6.14	ppb
Selenium	77-2	105.16	58.17	41.71	68.35	48.17	ppb
Selenium	78-2	7.97	14.95	6.72	9.88	44.92	ppb
Silicon	28-1	331.53	339.47	336.31	335.77	1.19	ppb
Silver	107-1	7.99	7.93	8.04	7.99	0.65	ppb
Silver	109-1	8.02	8.17	8.26	8.15	1.50	ppb
Sodium	23-2	1654.45	1626.91	1606.58	1629.31	1.47	ppb
Strontium	86-1	14209.32	14549.10	14587.93	14448.78	1.44	ppb
Strontium	88-1	14165.70	14522.73	14447.54	14378.66	1.31	ppb
Sulfur	34-1	1140.90	1153.88	1119.43	1138.07	1.53	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	1.02	1.02	1.07	1.03	2.61	ppb
Thallium	205-1	1.05	1.05	1.10	1.07	3.01	ppb
Tin	118-1	17.42	17.35	17.56	17.44	0.60	ppb
Titanium	47-1	310.77	309.82	311.58	310.72	0.28	ppb
Uranium	238-1	5.73	5.57	5.81	5.70	2.19	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	127.59	125.54	122.56	125.23	2.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4637.44	4469.99	4406.50	4504.64	2.65	ppb
Zirconium	90-1	3.92	4.14	4.08	4.05	2.76	ppb
Zirconium	91-1	3.96	4.13	4.14	4.08	2.55	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23197.75	22532.63	22975.29	22901.89	1.48	ppb
Antimony	121-1	2.79	2.80	2.79	2.79	0.23	ppb
Arsenic	75-2	46.24	44.09	42.20	44.18	4.58	ppb
Barium	135-1	880.17	876.54	893.20	883.30	0.99	ppb
Barium	137-1	885.45	891.92	906.80	894.72	1.22	ppb
Beryllium	9-1	3.29	3.35	3.29	3.31	1.11	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	14.51	16.15	14.62	15.09	6.07	ppb
Cadmium	106-1	15.35	13.99	12.99	14.11	8.41	ppb
Cadmium	111-1	14.91	15.60	15.39	15.30	2.34	ppb
Calcium	43-1	125821.46	127568.89	127338.82	126909.73	0.75	ppb
Calcium	44-1	122789.45	125408.44	123695.34	123964.41	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.58	37.80	38.90	38.43	1.47	ppb
Cobalt	59-2	32.07	31.13	32.54	31.91	2.25	ppb
Copper	63-2	376.48	370.54	379.11	375.38	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	87012.19	85081.87	86921.14	86338.40	1.26	ppb
Iron	56-2	84614.12	83826.39	85628.29	84689.60	1.07	ppb
Iron	57-2	80216.24	78652.92	81258.11	80042.42	1.64	ppb
Krypton	83-1						cps
Lead	206-1	996.37	1015.14	1028.68	1013.40	1.60	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	980.65	989.68	1008.36	992.89	1.42	ppb
Lead	208-1	978.10	997.43	1010.56	995.36	1.64	ppb
Lithium	6-1				82		%
Magnesium	24-2	17071.10	16759.13	17043.94	16958.06	1.02	ppb
Manganese	55-2	3846.95	3769.77	3864.24	3826.99	1.31	ppb
Molybdenum	94-1	9.78	9.59	9.72	9.70	1.00	ppb
Molybdenum	95-1	5.20	5.48	5.51	5.40	3.14	ppb
Molybdenum	96-1	5.92	6.02	6.07	6.00	1.34	ppb
Molybdenum	97-1	5.34	5.30	5.22	5.28	1.11	ppb
Molybdenum	98-1	5.24	5.44	5.31	5.33	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.05	111.14	115.70	113.63	2.03	ppb
Phosphorus	31-2	3288.19	3143.09	3167.40	3199.56	2.43	ppb
Potassium	39-2	5884.57	5801.47	5872.32	5852.79	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	1.94	2.43	1.92	2.10	13.90	ppb
Selenium	77-2	62.77	62.52	50.09	58.46	12.40	ppb
Selenium	78-2	10.31	9.08	15.02	11.47	27.36	ppb
Silicon	28-1	214.14	218.82	211.92	214.96	1.64	ppb
Silver	107-1	5.56	5.61	5.59	5.59	0.37	ppb
Silver	109-1	5.65	5.57	5.77	5.66	1.80	ppb
Sodium	23-2	1517.42	1465.38	1527.32	1503.37	2.21	ppb
Strontium	86-1	10321.40	10524.72	10427.33	10424.48	0.98	ppb
Strontium	88-1	10286.76	10553.33	10467.16	10435.75	1.30	ppb
Sulfur	34-1	478.60	722.04	498.07	566.24	23.89	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	1.04	1.08	1.04	1.05	2.14	ppb
Thallium	205-1	1.09	1.13	1.08	1.10	2.43	ppb
Tin	118-1	14.31	14.49	14.57	14.46	0.91	ppb
Titanium	47-1	216.31	221.62	219.61	219.18	1.22	ppb
Uranium	238-1	4.38	4.52	4.42	4.44	1.63	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	116.85	114.13	116.25	115.74	1.23	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	3190.12	3187.15	3259.86	3212.37	1.28	ppb
Zirconium	90-1	2.72	2.92	2.84	2.83	3.57	ppb
Zirconium	91-1	2.69	2.95	2.88	2.84	4.79	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7405.44	7875.30	7685.81	7655.52	3.09	ppb
Antimony	121-1	1.12	1.15	1.02	1.10	6.30	ppb
Arsenic	75-2	12.47	11.10	10.77	11.44	7.89	ppb
Barium	135-1	295.77	295.96	292.61	294.78	0.64	ppb
Barium	137-1	300.48	298.24	294.40	297.71	1.03	ppb
Beryllium	9-1	1.60	1.60	1.47	1.56	4.74	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Cadmium	108-1	3.81	3.82	3.68	3.77	2.09	ppb
Cadmium	106-1	2.53	3.73	3.24	3.17	19.01	ppb
Cadmium	111-1	2.74	2.61	2.38	2.58	7.01	ppb
Calcium	43-1	659041.89	662963.82	655655.74	659220.48	0.55	ppb
Calcium	44-1	652938.63	652079.35	653650.26	652889.41	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.67	74.98	73.18	73.28	2.26	ppb
Cobalt	59-2	15.18	16.24	15.78	15.74	3.37	ppb
Copper	63-2	68.04	71.89	68.34	69.42	3.08	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				90		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	54-2	28489.11	29776.45	29044.89	29103.48	2.22	ppb
Iron	56-2	29936.54	31345.88	30175.66	30486.03	2.47	ppb
Iron	57-2	28263.34	29557.64	28791.68	28870.89	2.25	ppb
Krypton	83-1						cps
Lead	206-1	187.52	184.12	183.64	185.09	1.14	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	181.39	179.10	177.57	179.36	1.07	ppb
Lead	208-1	182.62	179.96	178.93	180.51	1.05	ppb
Lithium	6-1				77		%
Magnesium	24-2	318617.45	328909.41	320704.20	322743.69	1.69	ppb
Manganese	55-2	3449.79	3610.91	3492.80	3517.83	2.37	ppb
Molybdenum	94-1	6.93	6.48	6.80	6.74	3.40	ppb
Molybdenum	95-1	3.42	3.55	3.25	3.41	4.38	ppb
Molybdenum	96-1	3.97	3.93	4.01	3.97	1.06	ppb
Molybdenum	97-1	3.59	3.51	3.48	3.53	1.67	ppb
Molybdenum	98-1	3.41	3.41	3.36	3.39	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.42	33.98	33.26	33.22	2.36	ppb
Phosphorus	31-2	3191.04	3393.42	3089.65	3224.70	4.80	ppb
Potassium	39-2	3244.69	3384.60	3294.50	3307.93	2.14	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	1.21	0.98	0.98	1.06	12.53	ppb
Selenium	77-2	28.32	23.84	14.09	22.09	32.94	ppb
Selenium	78-2	0.94	3.67	2.27	2.29	59.37	ppb
Silicon	28-1	324.48	324.10	323.41	324.00	0.17	ppb
Silver	107-1	0.69	0.67	0.64	0.67	3.82	ppb
Silver	109-1	0.67	0.71	0.66	0.68	4.21	ppb
Sodium	23-2	973.58	1032.83	1009.42	1005.28	2.97	ppb
Strontium	86-1	6831.88	6597.50	6575.01	6668.13	2.13	ppb
Strontium	88-1	6937.79	6742.01	6663.91	6781.24	2.08	ppb
Sulfur	34-1	826.46	965.05	956.28	915.93	8.47	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	0.22	0.22	0.22	0.22	0.99	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	1.76	ppb
Tin	118-1	5.91	5.78	5.59	5.76	2.77	ppb
Titanium	47-1	190.38	190.12	188.64	189.71	0.49	ppb
Uranium	238-1	3.04	2.99	2.93	2.99	1.87	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	42.46	46.16	41.90	43.51	5.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	770.03	822.29	787.40	793.24	3.36	ppb
Zirconium	90-1	2.36	2.21	2.18	2.25	4.40	ppb
Zirconium	91-1	2.11	2.08	2.15	2.12	1.71	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19034.93	18763.25	18833.50	18877.23	0.75	ppb
Antimony	121-1	1.30	1.32	1.28	1.30	1.63	ppb
Arsenic	75-2	20.28	20.75	20.06	20.37	1.73	ppb
Barium	135-1	613.54	600.41	614.15	609.37	1.27	ppb
Barium	137-1	624.72	618.80	622.38	621.97	0.48	ppb
Beryllium	9-1	1.84	1.86	1.96	1.89	3.56	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	3.93	3.48	4.08	3.83	8.10	ppb
Cadmium	106-1	4.34	4.49	5.21	4.68	10.00	ppb
Cadmium	111-1	3.95	3.86	3.97	3.93	1.54	ppb
Calcium	43-1	164568.84	160982.71	162605.94	162719.16	1.10	ppb
Calcium	44-1	159719.09	158362.72	160001.28	159361.03	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.48	27.49	28.28	28.08	1.85	ppb
Cobalt	59-2	20.52	19.91	20.54	20.33	1.77	ppb
Copper	63-2	98.53	96.65	99.11	98.10	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				90		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	54-2	47650.70	46818.90	47644.18	47371.26	1.01	ppb
Iron	56-2	50166.60	49149.74	49716.01	49677.45	1.03	ppb
Iron	57-2	47050.55	46884.37	46812.47	46915.80	0.26	ppb
Krypton	83-1						cps
Lead	206-1	187.04	185.88	190.07	187.66	1.15	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	182.76	182.75	187.03	184.18	1.34	ppb
Lead	208-1	184.57	183.75	187.97	185.43	1.21	ppb
Lithium	6-1				76		%
Magnesium	24-2	12734.28	12594.76	12743.91	12690.98	0.66	ppb
Manganese	55-2	1334.08	1308.73	1320.25	1321.02	0.96	ppb
Molybdenum	94-1	6.99	6.76	7.10	6.95	2.48	ppb
Molybdenum	95-1	3.94	4.28	4.17	4.13	4.14	ppb
Molybdenum	96-1	4.43	4.38	4.56	4.46	2.09	ppb
Molybdenum	97-1	4.31	3.95	3.85	4.04	6.04	ppb
Molybdenum	98-1	4.17	3.98	4.26	4.14	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.33	105.50	105.05	105.63	0.62	ppb
Phosphorus	31-2	3459.25	3238.32	3271.41	3322.99	3.59	ppb
Potassium	39-2	5455.27	5434.00	5520.40	5469.89	0.82	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	1.71	2.69	1.79	2.06	26.17	ppb
Selenium	77-2	40.90	71.30	58.12	56.77	26.86	ppb
Selenium	78-2	8.64	5.94	16.12	10.23	51.55	ppb
Silicon	28-1	212.85	208.23	211.64	210.91	1.14	ppb
Silver	107-1	1.05	1.09	1.11	1.08	2.78	ppb
Silver	109-1	1.10	1.07	1.16	1.11	3.95	ppb
Sodium	23-2	641.64	638.91	661.03	647.19	1.86	ppb
Strontium	86-1	9115.23	9199.78	9455.29	9256.77	1.91	ppb
Strontium	88-1	9255.38	9187.15	9346.02	9262.85	0.86	ppb
Sulfur	34-1	758.42	492.30	829.42	693.38	25.63	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	0.66	0.67	0.68	0.67	1.22	ppb
Thallium	205-1	0.74	0.71	0.72	0.72	2.17	ppb
Tin	118-1	5.26	5.32	5.33	5.30	0.74	ppb
Titanium	47-1	225.66	222.48	226.84	225.00	1.00	ppb
Uranium	238-1	3.97	3.92	3.97	3.95	0.69	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	108.24	107.47	108.35	108.02	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	585.26	562.75	577.19	575.07	1.98	ppb
Zirconium	90-1	1.86	1.99	1.95	1.93	3.63	ppb
Zirconium	91-1	1.88	1.76	1.98	1.87	5.86	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32340.77	32719.64	32000.29	32353.57	1.11	ppb
Antimony	121-1	1.67	1.69	1.59	1.65	3.31	ppb
Arsenic	75-2	15.59	14.62	13.71	14.64	6.40	ppb
Barium	135-1	838.74	847.52	832.38	839.55	0.91	ppb
Barium	137-1	851.34	844.65	844.74	846.91	0.45	ppb
Beryllium	9-1	8.73	8.75	8.65	8.71	0.61	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	11.18	8.94	9.96	10.03	11.16	ppb
Cadmium	106-1	10.73	13.77	12.00	12.17	12.55	ppb
Cadmium	111-1	9.51	9.80	10.04	9.78	2.74	ppb
Calcium	43-1	253062.89	257916.87	253671.65	254883.80	1.04	ppb
Calcium	44-1	249863.62	250317.76	248909.33	249696.90	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187.95	195.69	190.16	191.27	2.08	ppb
Cobalt	59-2	12.14	12.57	12.38	12.36	1.74	ppb
Copper	63-2	220.44	226.43	223.88	223.58	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	54-2	30594.25	31293.25	30273.43	30720.31	1.70	ppb
Iron	56-2	31848.02	32802.28	31749.25	32133.19	1.81	ppb
Iron	57-2	30061.66	30676.74	29969.89	30236.10	1.27	ppb
Krypton	83-1						cps
Lead	206-1	859.42	864.76	856.23	860.14	0.50	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	827.70	822.17	829.87	826.58	0.48	ppb
Lead	208-1	835.75	837.60	837.03	836.80	0.11	ppb
Lithium	6-1				77		%
Magnesium	24-2	24271.24	24616.57	23988.94	24292.25	1.29	ppb
Manganese	55-2	8486.51	8468.94	8370.87	8442.11	0.74	ppb
Molybdenum	94-1	19.34	20.56	20.04	19.98	3.06	ppb
Molybdenum	95-1	2.97	3.17	3.03	3.06	3.22	ppb
Molybdenum	96-1	4.89	4.83	4.80	4.84	1.04	ppb
Molybdenum	97-1	3.21	3.14	2.96	3.11	4.15	ppb
Molybdenum	98-1	2.98	2.95	2.92	2.95	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.84	48.86	48.48	48.73	0.44	ppb
Phosphorus	31-2	3533.24	3496.38	3641.67	3557.10	2.12	ppb
Potassium	39-2	10802.78	10972.69	10763.33	10846.27	1.03	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	0.62	2.08	2.28	1.66	54.55	ppb
Selenium	77-2	38.64	90.28	25.17	51.36	66.91	ppb
Selenium	78-2	13.03	4.49	12.72	10.08	48.06	ppb
Silicon	28-1	1192.00	1221.63	1214.80	1209.48	1.28	ppb
Silver	107-1	2.79	2.80	2.61	2.73	3.83	ppb
Silver	109-1	2.72	2.77	2.70	2.73	1.39	ppb
Sodium	23-2	1410.60	1436.38	1419.42	1422.14	0.92	ppb
Strontium	86-1	22297.27	22332.45	22201.30	22277.01	0.30	ppb
Strontium	88-1	22238.36	22482.38	21980.25	22233.66	1.13	ppb
Sulfur	34-1	2741.84	2756.39	2734.87	2744.37	0.40	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.21	0.20	0.21	0.21	1.80	ppb
Thallium	205-1	0.23	0.22	0.23	0.22	2.71	ppb
Tin	118-1	9.42	9.57	9.16	9.38	2.19	ppb
Titanium	47-1	696.95	699.17	691.83	695.98	0.54	ppb
Uranium	238-1	7.75	7.66	7.68	7.69	0.60	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	73.34	76.55	72.76	74.22	2.76	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	2475.13	2543.47	2483.13	2500.58	1.49	ppb
Zirconium	90-1	9.46	9.61	9.49	9.52	0.81	ppb
Zirconium	91-1	9.48	9.70	9.74	9.64	1.45	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33988.21	34286.91	34651.49	34308.87	0.97	ppb
Antimony	121-1	1.86	1.95	1.86	1.89	2.67	ppb
Arsenic	75-2	23.74	25.42	27.65	25.61	7.66	ppb
Barium	135-1	916.49	914.65	925.18	918.77	0.61	ppb
Barium	137-1	935.00	927.56	936.57	933.04	0.52	ppb
Beryllium	9-1	9.59	9.84	9.66	9.69	1.31	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	15.42	15.58	14.82	15.28	2.62	ppb
Cadmium	106-1	16.41	16.46	18.01	16.96	5.35	ppb
Cadmium	111-1	14.38	15.08	15.03	14.83	2.61	ppb
Calcium	43-1	282804.02	280812.55	281037.67	281551.41	0.39	ppb
Calcium	44-1	278270.25	276226.41	280326.61	278274.42	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.32	111.22	111.21	110.91	0.47	ppb
Cobalt	59-2	16.89	17.28	17.38	17.18	1.50	ppb
Copper	63-2	346.96	353.44	354.62	351.68	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	54-2	34667.44	35334.90	35221.87	35074.73	1.02	ppb
Iron	56-2	36603.06	36959.05	37032.66	36864.92	0.62	ppb
Iron	57-2	34380.31	35036.94	34959.72	34792.32	1.03	ppb
Krypton	83-1						cps
Lead	206-1	1417.07	1389.62	1424.33	1410.34	1.30	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1373.69	1350.49	1397.29	1373.82	1.70	ppb
Lead	208-1	1381.34	1354.02	1384.51	1373.29	1.22	ppb
Lithium	6-1				79		%
Magnesium	24-2	22063.42	22371.79	22558.10	22331.10	1.12	ppb
Manganese	55-2	10298.40	10319.89	10569.20	10395.83	1.45	ppb
Molybdenum	94-1	18.00	17.95	18.50	18.15	1.67	ppb
Molybdenum	95-1	2.62	2.69	2.77	2.69	2.76	ppb
Molybdenum	96-1	4.27	4.40	4.43	4.37	2.00	ppb
Molybdenum	97-1	2.61	2.65	2.75	2.67	2.73	ppb
Molybdenum	98-1	2.61	2.60	2.72	2.64	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.44	66.61	66.39	66.15	0.94	ppb
Phosphorus	31-2	3526.54	3298.97	3343.42	3389.64	3.56	ppb
Potassium	39-2	10852.70	11054.96	11061.67	10989.78	1.08	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	2.01	1.21	2.19	1.80	29.16	ppb
Selenium	77-2	93.53	49.88	59.11	67.51	34.08	ppb
Selenium	78-2	12.32	11.42	14.00	12.58	10.43	ppb
Silicon	28-1	1282.22	1251.15	1268.05	1267.14	1.23	ppb
Silver	107-1	5.96	6.01	6.02	6.00	0.50	ppb
Silver	109-1	5.97	5.98	6.01	5.99	0.39	ppb
Sodium	23-2	2014.20	2022.00	2027.26	2021.15	0.33	ppb
Strontium	86-1	25102.28	25435.53	25706.88	25414.90	1.19	ppb
Strontium	88-1	25115.98	25538.70	25657.00	25437.23	1.12	ppb
Sulfur	34-1	2815.86	2665.16	2799.00	2760.01	2.99	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.46	0.48	0.46	0.47	2.54	ppb
Thallium	205-1	0.49	0.46	0.48	0.48	3.15	ppb
Tin	118-1	16.83	16.75	16.70	16.76	0.37	ppb
Titanium	47-1	678.50	672.29	679.06	676.62	0.55	ppb
Uranium	238-1	9.16	8.88	9.16	9.07	1.77	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	70.62	71.48	71.10	71.07	0.61	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	4010.24	4100.87	4094.52	4068.54	1.24	ppb
Zirconium	90-1	8.52	8.71	8.78	8.67	1.58	ppb
Zirconium	91-1	8.35	8.26	8.59	8.40	2.04	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17228.16	17605.43	17737.38	17523.66	1.51	ppb
Antimony	121-1	2.27	2.04	2.25	2.19	5.92	ppb
Arsenic	75-2	29.47	29.10	30.21	29.59	1.91	ppb
Barium	135-1	752.81	699.75	735.64	729.40	3.71	ppb
Barium	137-1	758.30	713.33	745.52	739.05	3.14	ppb
Beryllium	9-1	4.28	4.11	4.43	4.27	3.77	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	11.00	11.38	11.59	11.32	2.66	ppb
Cadmium	106-1	11.73	10.73	11.25	11.23	4.47	ppb
Cadmium	111-1	12.39	11.86	12.02	12.09	2.26	ppb
Calcium	43-1	124624.12	120946.75	122502.26	122691.04	1.50	ppb
Calcium	44-1	123519.48	117819.98	120743.38	120694.28	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.68	50.08	51.07	50.28	1.42	ppb
Cobalt	59-2	17.67	18.43	18.78	18.29	3.13	ppb
Copper	63-2	286.87	289.54	294.76	290.39	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				94		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	34316.48	34877.65	35611.81	34935.31	1.86	ppb
Iron	56-2	36345.98	36629.11	37543.67	36839.58	1.70	ppb
Iron	57-2	34400.14	34873.89	35372.57	34882.20	1.39	ppb
Krypton	83-1						cps
Lead	206-1	1175.86	1155.25	1147.28	1159.46	1.27	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1141.24	1108.57	1146.84	1132.22	1.83	ppb
Lead	208-1	1154.18	1120.68	1133.13	1136.00	1.49	ppb
Lithium	6-1				77		%
Magnesium	24-2	10425.79	10705.85	10866.71	10666.12	2.09	ppb
Manganese	55-2	6070.12	6195.34	6324.77	6196.74	2.05	ppb
Molybdenum	94-1	8.66	8.33	8.95	8.65	3.62	ppb
Molybdenum	95-1	2.13	2.03	2.06	2.08	2.61	ppb
Molybdenum	96-1	2.91	2.67	2.84	2.81	4.44	ppb
Molybdenum	97-1	2.04	2.05	1.84	1.98	6.02	ppb
Molybdenum	98-1	2.02	1.95	2.02	2.00	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.43	70.26	72.76	71.48	1.75	ppb
Phosphorus	31-2	2554.65	3057.70	2981.91	2864.75	9.47	ppb
Potassium	39-2	5797.12	5867.30	6009.85	5891.42	1.84	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	1.12	1.01	1.47	1.20	19.80	ppb
Selenium	77-2	21.29	59.25	42.29	40.94	46.45	ppb
Selenium	78-2	14.12	9.22	10.42	11.26	22.67	ppb
Silicon	28-1	779.68	752.83	761.06	764.52	1.80	ppb
Silver	107-1	5.35	5.15	5.35	5.28	2.19	ppb
Silver	109-1	5.50	5.02	5.35	5.29	4.63	ppb
Sodium	23-2	1228.06	1242.29	1251.31	1240.55	0.94	ppb
Strontium	86-1	11668.11	11258.77	11671.22	11532.70	2.06	ppb
Strontium	88-1	11762.67	11182.91	11682.43	11542.67	2.72	ppb
Sulfur	34-1	857.52	481.97	569.67	636.39	30.87	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.47	0.43	0.44	0.45	4.45	ppb
Thallium	205-1	0.48	0.46	0.47	0.47	2.46	ppb
Tin	118-1	16.50	15.37	15.87	15.91	3.57	ppb
Titanium	47-1	258.58	243.81	246.78	249.72	3.13	ppb
Uranium	238-1	4.19	3.96	4.07	4.08	2.80	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	55.97	56.70	58.47	57.04	2.25	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	3383.93	3466.37	3555.97	3468.75	2.48	ppb
Zirconium	90-1	3.64	3.88	3.68	3.73	3.40	ppb
Zirconium	91-1	3.73	3.56	3.98	3.76	5.73	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18438.48	18789.32	18669.19	18632.33	0.96	ppb
Antimony	121-1	1.85	1.91	1.90	1.89	1.62	ppb
Arsenic	75-2	28.91	29.21	29.44	29.19	0.92	ppb
Barium	135-1	678.06	684.18	687.74	683.33	0.72	ppb
Barium	137-1	685.13	689.79	698.90	691.27	1.01	ppb
Beryllium	9-1	4.95	5.04	4.91	4.97	1.31	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	12.60	11.30	12.13	12.01	5.46	ppb
Cadmium	106-1	12.13	13.08	12.22	12.48	4.20	ppb
Cadmium	111-1	12.42	12.99	12.80	12.74	2.26	ppb
Calcium	43-1	165697.58	167426.05	169101.58	167408.40	1.02	ppb
Calcium	44-1	165240.47	166276.71	167557.94	166358.37	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.23	53.65	51.73	52.21	2.45	ppb
Cobalt	59-2	16.09	16.04	16.14	16.09	0.29	ppb
Copper	63-2	269.54	271.87	273.37	271.59	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	22353.54	22578.67	22727.38	22553.20	0.83	ppb
Iron	56-2	23675.02	24186.37	24036.14	23965.84	1.10	ppb
Iron	57-2	22146.45	22485.21	22593.65	22408.44	1.04	ppb
Krypton	83-1						cps
Lead	206-1	1193.58	1210.18	1194.09	1199.28	0.79	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1184.52	1194.95	1152.06	1177.18	1.90	ppb
Lead	208-1	1179.24	1187.43	1164.36	1177.01	0.99	ppb
Lithium	6-1				77		%
Magnesium	24-2	11951.32	12131.80	12144.35	12075.82	0.89	ppb
Manganese	55-2	6943.43	6920.80	7009.57	6957.93	0.66	ppb
Molybdenum	94-1	9.61	9.34	9.38	9.44	1.54	ppb
Molybdenum	95-1	2.04	2.03	1.86	1.98	5.05	ppb
Molybdenum	96-1	2.79	2.74	2.76	2.76	0.88	ppb
Molybdenum	97-1	1.90	2.06	2.04	2.00	4.27	ppb
Molybdenum	98-1	1.97	1.97	1.84	1.93	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.57	67.66	67.77	67.33	0.98	ppb
Phosphorus	31-2	2749.30	2835.97	2567.26	2717.51	5.05	ppb
Potassium	39-2	6325.95	6378.10	6454.05	6386.04	1.01	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	0.73	1.43	2.05	1.40	47.01	ppb
Selenium	77-2	63.62	25.10	37.94	42.22	46.46	ppb
Selenium	78-2	10.45	10.30	9.19	9.98	6.91	ppb
Silicon	28-1	773.78	789.77	790.09	784.55	1.19	ppb
Silver	107-1	4.80	4.89	4.82	4.83	0.94	ppb
Silver	109-1	4.86	4.97	5.00	4.95	1.49	ppb
Sodium	23-2	1052.48	1063.01	1051.43	1055.64	0.61	ppb
Strontium	86-1	13475.83	13830.92	13408.18	13571.64	1.67	ppb
Strontium	88-1	13611.87	13709.37	13401.30	13574.18	1.16	ppb
Sulfur	34-1	786.96	865.82	958.01	870.26	9.84	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.54	0.55	0.52	0.54	3.68	ppb
Thallium	205-1	0.49	0.52	0.53	0.51	3.81	ppb
Tin	118-1	8.51	8.28	8.46	8.41	1.46	ppb
Titanium	47-1	248.38	251.00	253.44	250.94	1.01	ppb
Uranium	238-1	4.72	4.79	4.77	4.76	0.67	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.51	62.27	62.50	62.09	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2345.35	2390.19	2418.28	2384.61	1.54	ppb
Zirconium	90-1	4.23	4.31	4.18	4.24	1.56	ppb
Zirconium	91-1	4.11	4.38	4.19	4.23	3.38	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39487.89	39146.99	39549.08	39394.65	0.55	ppb
Antimony	121-1	1.67	1.68	1.74	1.70	2.04	ppb
Arsenic	75-2	15.29	14.06	14.90	14.75	4.24	ppb
Barium	135-1	968.89	970.92	985.35	975.05	0.92	ppb
Barium	137-1	1021.67	1044.27	1061.46	1042.46	1.91	ppb
Beryllium	9-1	10.01	10.27	9.97	10.08	1.59	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	8.69	10.58	10.19	9.82	10.18	ppb
Cadmium	106-1	11.71	12.85	12.38	12.31	4.63	ppb
Cadmium	111-1	10.11	10.42	10.40	10.31	1.70	ppb
Calcium	43-1	272170.59	275112.80	271533.73	272939.04	0.70	ppb
Calcium	44-1	268296.75	272065.30	266253.11	268871.72	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235.12	235.59	234.16	234.96	0.31	ppb
Cobalt	59-2	14.37	14.14	14.02	14.18	1.25	ppb
Copper	63-2	263.12	263.03	262.65	262.93	0.09	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				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	54-2	39217.20	39335.70	39213.07	39255.32	0.18	ppb
Iron	56-2	41618.30	41333.24	41171.97	41374.50	0.55	ppb
Iron	57-2	38624.54	39216.23	38938.07	38926.28	0.76	ppb
Krypton	83-1						cps
Lead	206-1	958.97	940.86	939.24	946.36	1.16	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	923.55	918.82	903.79	915.39	1.13	ppb
Lead	208-1	926.28	915.29	913.89	918.49	0.74	ppb
Lithium	6-1				76		%
Magnesium	24-2	29900.68	30310.67	28673.78	29628.38	2.87	ppb
Manganese	55-2	9645.14	9536.93	9600.16	9594.07	0.57	ppb
Molybdenum	94-1	20.59	21.45	20.91	20.98	2.08	ppb
Molybdenum	95-1	2.99	3.05	2.99	3.01	1.08	ppb
Molybdenum	96-1	4.77	4.99	4.95	4.90	2.37	ppb
Molybdenum	97-1	2.81	2.84	2.90	2.85	1.60	ppb
Molybdenum	98-1	2.88	2.83	2.88	2.86	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.14	54.25	53.77	53.72	1.04	ppb
Phosphorus	31-2	3995.78	3749.87	4152.69	3966.11	5.12	ppb
Potassium	39-2	11382.17	11425.48	11406.23	11404.62	0.19	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	1.46	2.65	2.94	2.35	33.45	ppb
Selenium	77-2	70.63	69.54	94.06	78.08	17.74	ppb
Selenium	78-2	13.77	12.39	13.55	13.24	5.60	ppb
Silicon	28-1	1308.75	1321.06	1307.28	1312.36	0.58	ppb
Silver	107-1	2.69	2.60	2.67	2.65	1.88	ppb
Silver	109-1	2.62	2.70	2.71	2.67	1.90	ppb
Sodium	23-2	1339.61	1339.97	1346.23	1341.93	0.28	ppb
Strontium	86-1	24280.04	24499.46	24106.00	24295.16	0.81	ppb
Strontium	88-1	24476.43	24249.49	24203.57	24309.83	0.60	ppb
Sulfur	34-1	2353.70	2426.46	2253.00	2344.39	3.72	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.19	0.18	0.22	0.20	12.01	ppb
Thallium	205-1	0.22	0.18	0.22	0.21	10.42	ppb
Tin	118-1	9.59	9.64	9.84	9.69	1.34	ppb
Titanium	47-1	856.96	859.58	850.97	855.84	0.52	ppb
Uranium	238-1	9.54	9.61	9.59	9.58	0.35	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	87.68	86.49	87.60	87.26	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2767.28	2777.84	2778.54	2774.55	0.23	ppb
Zirconium	90-1	9.95	10.15	10.01	10.04	1.05	ppb
Zirconium	91-1	9.94	10.31	10.05	10.10	1.86	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13985.88	14112.56	13974.20	14024.21	0.55	ppb
Antimony	121-1	2.71	2.66	2.71	2.69	0.98	ppb
Arsenic	75-2	31.83	32.60	33.32	32.58	2.29	ppb
Barium	135-1	692.44	694.29	697.48	694.74	0.37	ppb
Barium	137-1	703.93	705.28	700.62	703.28	0.34	ppb
Beryllium	9-1	3.99	4.09	4.04	4.04	1.32	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	16.83	15.53	16.00	16.12	4.08	ppb
Cadmium	106-1	16.74	15.91	15.43	16.03	4.15	ppb
Cadmium	111-1	17.89	17.21	17.41	17.50	2.02	ppb
Calcium	43-1	172412.86	171954.25	170649.25	171672.12	0.53	ppb
Calcium	44-1	171315.06	167821.62	169577.35	169571.34	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.25	48.52	47.78	47.85	1.33	ppb
Cobalt	59-2	19.98	20.39	19.92	20.09	1.27	ppb
Copper	63-2	291.20	295.44	290.52	292.39	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	37773.24	38884.59	38260.55	38306.13	1.45	ppb
Iron	56-2	39843.87	40697.52	40133.25	40224.88	1.08	ppb
Iron	57-2	37471.62	38492.88	37907.34	37957.28	1.35	ppb
Krypton	83-1						cps
Lead	206-1	1616.56	1587.53	1599.42	1601.17	0.91	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1588.58	1537.10	1551.94	1559.20	1.70	ppb
Lead	208-1	1586.94	1545.60	1559.76	1564.10	1.34	ppb
Lithium	6-1				77		%
Magnesium	24-2	10789.75	10972.73	10998.31	10920.26	1.04	ppb
Manganese	55-2	6400.50	6458.46	6457.44	6438.80	0.52	ppb
Molybdenum	94-1	10.47	10.70	10.58	10.58	1.08	ppb
Molybdenum	95-1	2.64	2.69	2.61	2.64	1.55	ppb
Molybdenum	96-1	3.46	3.51	3.52	3.50	0.93	ppb
Molybdenum	97-1	2.51	2.74	2.59	2.61	4.38	ppb
Molybdenum	98-1	2.68	2.60	2.59	2.63	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.47	86.43	85.34	84.08	3.77	ppb
Phosphorus	31-2	4221.02	3726.28	3754.83	3900.71	7.12	ppb
Potassium	39-2	5697.59	5786.09	5805.10	5762.93	1.00	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	2.03	0.48	1.74	1.42	58.35	ppb
Selenium	77-2	38.18	42.36	62.87	47.80	27.64	ppb
Selenium	78-2	5.63	10.44	12.71	9.59	37.66	ppb
Silicon	28-1	600.52	598.52	582.22	593.75	1.69	ppb
Silver	107-1	5.39	5.49	5.48	5.45	0.98	ppb
Silver	109-1	5.64	5.54	5.52	5.57	1.13	ppb
Sodium	23-2	719.45	728.56	723.44	723.82	0.63	ppb
Strontium	86-1	14091.57	14179.13	14046.80	14105.83	0.48	ppb
Strontium	88-1	14002.22	14034.27	14028.27	14021.59	0.12	ppb
Sulfur	34-1	687.09	597.42	533.17	605.89	12.76	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.55	0.50	0.50	0.52	5.84	ppb
Thallium	205-1	0.55	0.54	0.53	0.54	1.88	ppb
Tin	118-1	17.73	18.03	18.14	17.97	1.18	ppb
Titanium	47-1	275.27	270.19	270.06	271.84	1.09	ppb
Uranium	238-1	5.15	4.91	4.97	5.01	2.51	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	69.07	70.88	68.68	69.55	1.69	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	3961.46	4076.59	3984.63	4007.56	1.52	ppb
Zirconium	90-1	4.55	4.57	4.43	4.52	1.68	ppb
Zirconium	91-1	4.49	4.49	4.42	4.46	0.90	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10555.13	9142.45	8925.37	9540.98	9.28	ppb
Antimony	121-1	3.00	3.09	3.09	3.06	1.75	ppb
Arsenic	75-2	45.20	36.99	33.57	38.59	15.50	ppb
Barium	135-1	676.80	704.80	695.50	692.37	2.06	ppb
Barium	137-1	690.73	714.44	709.24	704.81	1.77	ppb
Beryllium	9-1	2.79	2.86	2.84	2.83	1.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	20.08	22.79	21.77	21.55	6.35	ppb
Cadmium	106-1	20.89	20.96	20.55	20.80	1.04	ppb
Cadmium	111-1	22.01	22.38	22.23	22.21	0.83	ppb
Calcium	43-1	110170.71	118316.16	117993.83	115493.57	3.99	ppb
Calcium	44-1	113075.66	117725.31	117549.56	116116.84	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.11	15.15	15.99	16.75	12.47	ppb
Cobalt	59-2	26.29	22.03	22.22	23.51	10.22	ppb
Copper	63-2	473.37	404.73	404.97	427.69	9.25	ppb
Dysprosium	156-1						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				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	40774.35	34865.98	34663.74	36768.02	9.44	ppb
Iron	56-2	43398.40	36776.45	36194.31	38789.72	10.32	ppb
Iron	57-2	40470.98	34405.50	34491.23	36455.90	9.54	ppb
Krypton	83-1						cps
Lead	206-1	1728.87	1786.77	1781.70	1765.78	1.82	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1673.36	1733.97	1726.98	1711.44	1.94	ppb
Lead	208-1	1689.67	1749.29	1735.75	1724.90	1.81	ppb
Lithium	6-1				76		%
Magnesium	24-2	7404.78	6341.77	6331.45	6692.67	9.21	ppb
Manganese	55-2	7996.33	6711.16	6813.61	7173.70	9.96	ppb
Molybdenum	94-1	8.00	8.07	7.88	7.98	1.23	ppb
Molybdenum	95-1	2.60	2.66	2.68	2.65	1.42	ppb
Molybdenum	96-1	3.17	3.11	3.30	3.19	2.95	ppb
Molybdenum	97-1	2.54	2.54	2.61	2.56	1.68	ppb
Molybdenum	98-1	2.55	2.57	2.52	2.55	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.44	75.81	75.52	80.25	9.91	ppb
Phosphorus	31-2	3766.16	3310.09	3225.07	3433.77	8.47	ppb
Potassium	39-2	5308.89	4562.68	4579.08	4816.88	8.85	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	1.47	1.72	1.21	1.46	17.47	ppb
Selenium	77-2	64.93	44.85	48.82	52.87	20.11	ppb
Selenium	78-2	12.78	14.67	7.70	11.71	30.78	ppb
Silicon	28-1	264.77	272.76	273.81	270.44	1.83	ppb
Silver	107-1	8.64	8.77	8.80	8.74	1.00	ppb
Silver	109-1	8.42	8.79	8.89	8.70	2.85	ppb
Sodium	23-2	613.32	510.98	525.53	549.94	10.07	ppb
Strontium	86-1	10743.83	10988.24	10968.76	10900.28	1.25	ppb
Strontium	88-1	10710.70	11058.17	10993.26	10920.71	1.69	ppb
Sulfur	34-1	55.82	271.75	238.34	188.64	61.62	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.74	0.80	0.79	0.78	4.38	ppb
Thallium	205-1	0.80	0.81	0.84	0.82	2.67	ppb
Tin	118-1	19.83	20.55	20.39	20.26	1.87	ppb
Titanium	47-1	172.11	176.74	179.36	176.07	2.08	ppb
Uranium	238-1	3.41	3.54	3.57	3.51	2.44	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	65.08	55.74	54.47	58.43	9.92	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	4839.30	4125.92	4095.55	4353.59	9.67	ppb
Zirconium	90-1	3.06	3.15	3.14	3.12	1.55	ppb
Zirconium	91-1	3.27	3.29	3.01	3.19	4.88	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9548.35	9276.38	9506.21	9443.65	1.55	ppb
Antimony	121-1	1.07	1.05	1.18	1.10	6.30	ppb
Arsenic	75-2	15.37	17.06	15.06	15.83	6.81	ppb
Barium	135-1	596.68	618.57	616.73	610.66	1.99	ppb
Barium	137-1	607.32	627.25	628.08	620.89	1.89	ppb
Beryllium	9-1	1.83	1.80	1.93	1.85	3.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	4.55	5.89	5.45	5.30	12.81	ppb
Cadmium	106-1	6.15	6.94	5.97	6.35	8.13	ppb
Cadmium	111-1	5.55	6.01	5.96	5.84	4.31	ppb
Calcium	43-1	161295.92	163119.44	159562.11	161325.82	1.10	ppb
Calcium	44-1	154482.13	158158.26	157083.55	156574.64	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.69	16.95	17.64	17.43	2.36	ppb
Cobalt	59-2	14.60	14.01	14.42	14.34	2.12	ppb
Copper	63-2	247.72	243.96	247.43	246.37	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	54-2	13564.18	13234.33	13518.48	13439.00	1.33	ppb
Iron	56-2	14324.13	14017.32	14083.29	14141.58	1.14	ppb
Iron	57-2	13532.55	13109.31	13517.00	13386.29	1.79	ppb
Krypton	83-1						cps
Lead	206-1	369.01	374.47	373.49	372.33	0.78	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	363.31	367.12	363.45	364.63	0.59	ppb
Lead	208-1	376.88	383.26	381.55	380.56	0.87	ppb
Lithium	6-1				76		%
Magnesium	24-2	6345.76	6174.34	6298.64	6272.91	1.41	ppb
Manganese	55-2	1896.80	1853.77	1884.36	1878.31	1.18	ppb
Molybdenum	94-1	5.65	5.75	5.71	5.70	0.91	ppb
Molybdenum	95-1	1.56	1.68	1.71	1.65	4.66	ppb
Molybdenum	96-1	2.13	2.03	2.13	2.10	2.84	ppb
Molybdenum	97-1	1.69	1.58	1.50	1.59	6.19	ppb
Molybdenum	98-1	1.59	1.56	1.61	1.59	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.45	85.98	88.81	87.75	1.76	ppb
Phosphorus	31-2	2903.02	2649.60	2464.83	2672.49	8.23	ppb
Potassium	39-2	3952.20	3909.63	3968.13	3943.32	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.86	0.86	0.91	0.88	3.62	ppb
Selenium	77-2	35.03	47.30	47.52	43.28	16.52	ppb
Selenium	78-2	12.04	5.71	10.65	9.47	35.13	ppb
Silicon	28-1	333.70	341.00	342.09	338.93	1.35	ppb
Silver	107-1	1.81	1.88	1.83	1.84	2.03	ppb
Silver	109-1	1.82	1.92	1.84	1.86	2.93	ppb
Sodium	23-2	472.39	466.82	457.58	465.60	1.61	ppb
Strontium	86-1	7786.88	7840.56	7902.95	7843.46	0.74	ppb
Strontium	88-1	7821.35	8050.96	8062.90	7978.41	1.71	ppb
Sulfur	34-1	66.03	119.18	33.98	73.06	58.89	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.32	0.34	0.29	0.32	7.80	ppb
Thallium	205-1	0.30	0.31	0.32	0.31	2.18	ppb
Tin	118-1	4.15	4.47	4.38	4.34	3.79	ppb
Titanium	47-1	65.92	67.08	67.87	66.96	1.47	ppb
Uranium	238-1	2.74	2.72	2.71	2.72	0.70	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	64.43	62.56	63.66	63.55	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	906.35	900.77	911.34	906.15	0.58	ppb
Zirconium	90-1	2.36	2.35	2.34	2.35	0.32	ppb
Zirconium	91-1	2.40	2.28	2.47	2.38	4.07	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33886.17	33197.75	34091.39	33725.10	1.39	ppb
Antimony	121-1	1.53	1.49	1.43	1.48	3.56	ppb
Arsenic	75-2	13.89	13.34	13.06	13.43	3.13	ppb
Barium	135-1	832.94	830.20	829.86	831.00	0.20	ppb
Barium	137-1	837.21	838.16	847.32	840.90	0.66	ppb
Beryllium	9-1	9.04	9.21	9.19	9.15	1.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	8.50	8.74	8.12	8.45	3.65	ppb
Cadmium	106-1	10.41	9.61	10.02	10.01	4.03	ppb
Cadmium	111-1	7.89	7.84	8.50	8.08	4.51	ppb
Calcium	43-1	258952.36	256679.59	258975.74	258202.56	0.51	ppb
Calcium	44-1	255345.43	253007.30	255628.41	254660.38	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.33	181.86	183.34	182.18	0.57	ppb
Cobalt	59-2	12.30	12.18	11.49	11.99	3.63	ppb
Copper	63-2	226.40	221.60	226.13	224.71	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	54-2	28960.61	28600.73	28982.15	28847.83	0.74	ppb
Iron	56-2	30643.98	30071.34	30510.15	30408.49	0.99	ppb
Iron	57-2	28680.66	28275.75	28868.13	28608.18	1.06	ppb
Krypton	83-1						cps
Lead	206-1	791.82	803.30	806.09	800.41	0.94	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	767.20	774.61	765.35	769.05	0.64	ppb
Lead	208-1	771.77	776.59	771.85	773.40	0.36	ppb
Lithium	6-1				75		%
Magnesium	24-2	24836.28	24419.49	24763.00	24672.92	0.90	ppb
Manganese	55-2	8838.00	8639.66	8916.44	8798.03	1.62	ppb
Molybdenum	94-1	19.34	19.57	20.36	19.76	2.70	ppb
Molybdenum	95-1	3.08	3.16	3.19	3.14	1.77	ppb
Molybdenum	96-1	4.99	4.84	4.77	4.87	2.31	ppb
Molybdenum	97-1	2.88	2.92	3.05	2.95	2.95	ppb
Molybdenum	98-1	2.96	2.90	2.96	2.94	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.51	50.47	50.32	50.77	1.28	ppb
Phosphorus	31-2	3121.77	3171.92	3439.17	3244.29	5.26	ppb
Potassium	39-2	10905.87	10776.96	11045.57	10909.47	1.23	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	3.06	1.60	2.51	2.39	30.99	ppb
Selenium	77-2	38.66	55.73	25.37	39.92	38.13	ppb
Selenium	78-2	6.93	5.70	12.82	8.48	44.91	ppb
Silicon	28-1	1274.16	1279.88	1294.24	1282.76	0.81	ppb
Silver	107-1	2.36	2.31	2.39	2.36	1.70	ppb
Silver	109-1	2.36	2.43	2.27	2.35	3.26	ppb
Sodium	23-2	1275.26	1257.41	1275.35	1269.34	0.81	ppb
Strontium	86-1	22712.78	22775.11	23108.92	22865.61	0.93	ppb
Strontium	88-1	22579.27	23041.78	22944.08	22855.04	1.07	ppb
Sulfur	34-1	2127.78	2048.58	2235.48	2137.28	4.39	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.18	0.16	0.18	0.17	5.85	ppb
Thallium	205-1	0.20	0.18	0.17	0.19	8.94	ppb
Tin	118-1	8.74	8.69	8.70	8.71	0.31	ppb
Titanium	47-1	712.14	711.83	721.46	715.14	0.77	ppb
Uranium	238-1	7.97	7.91	7.77	7.88	1.32	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	70.29	71.09	70.98	70.79	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2299.95	2260.13	2288.64	2282.91	0.90	ppb
Zirconium	90-1	9.41	9.53	9.66	9.53	1.31	ppb
Zirconium	91-1	9.31	9.72	9.70	9.58	2.42	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26410.69	25853.97	25610.94	25958.53	1.58	ppb
Antimony	121-1	2.44	2.36	2.43	2.41	1.89	ppb
Arsenic	75-2	29.44	29.21	26.68	28.44	5.39	ppb
Barium	135-1	837.74	841.67	834.55	837.99	0.43	ppb
Barium	137-1	846.85	852.18	831.33	843.46	1.28	ppb
Beryllium	9-1	7.83	7.58	7.39	7.60	2.93	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	16.43	15.78	16.90	16.37	3.42	ppb
Cadmium	106-1	17.29	17.86	16.35	17.17	4.42	ppb
Cadmium	111-1	16.00	16.21	15.71	15.97	1.56	ppb
Calcium	43-1	242085.71	239992.87	240134.91	240737.83	0.49	ppb
Calcium	44-1	237684.06	236334.19	235744.38	236587.54	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.95	89.25	87.16	89.12	2.13	ppb
Cobalt	59-2	18.26	17.76	18.04	18.02	1.37	ppb
Copper	63-2	354.98	348.29	345.63	349.63	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				95		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	54-2	36415.45	35451.19	35566.85	35811.16	1.47	ppb
Iron	56-2	37957.51	37401.33	36967.62	37442.15	1.33	ppb
Iron	57-2	35989.24	35072.51	34922.75	35328.17	1.63	ppb
Krypton	83-1						cps
Lead	206-1	1467.76	1438.45	1491.16	1465.79	1.80	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1437.16	1434.13	1434.50	1435.26	0.11	ppb
Lead	208-1	1436.70	1422.11	1451.30	1436.70	1.02	ppb
Lithium	6-1				75		%
Magnesium	24-2	17919.45	17418.70	17362.20	17566.78	1.75	ppb
Manganese	55-2	9196.85	8805.82	8826.54	8943.07	2.46	ppb
Molybdenum	94-1	18.22	18.39	17.83	18.15	1.59	ppb
Molybdenum	95-1	4.98	4.86	4.81	4.88	1.76	ppb
Molybdenum	96-1	6.31	6.18	6.28	6.26	1.09	ppb
Molybdenum	97-1	5.07	4.92	4.77	4.92	3.06	ppb
Molybdenum	98-1	4.88	4.82	4.75	4.82	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.49	99.17	99.27	100.64	2.45	ppb
Phosphorus	31-2	3621.63	3425.33	3262.16	3436.37	5.24	ppb
Potassium	39-2	8759.74	8589.57	8511.35	8620.22	1.47	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	2.25	1.64	0.83	1.57	45.16	ppb
Selenium	77-2	63.89	46.57	37.84	49.43	26.82	ppb
Selenium	78-2	5.66	11.63	9.16	8.82	34.06	ppb
Silicon	28-1	1062.42	1043.93	1050.05	1052.13	0.90	ppb
Silver	107-1	5.63	5.69	5.78	5.70	1.38	ppb
Silver	109-1	5.88	5.72	5.93	5.84	1.82	ppb
Sodium	23-2	1120.50	1088.39	1081.38	1096.75	1.90	ppb
Strontium	86-1	21346.15	21224.12	21074.66	21214.98	0.64	ppb
Strontium	88-1	21460.99	21485.70	21418.82	21455.17	0.16	ppb
Sulfur	34-1	1538.44	1414.14	1436.25	1462.94	4.53	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	0.66	0.65	0.61	0.64	4.59	ppb
Thallium	205-1	0.64	0.65	0.63	0.64	1.21	ppb
Tin	118-1	14.66	14.67	14.57	14.64	0.38	ppb
Titanium	47-1	522.22	517.59	518.42	519.41	0.48	ppb
Uranium	238-1	7.59	7.41	7.58	7.53	1.36	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	67.64	64.99	64.16	65.60	2.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	3607.63	3518.39	3478.80	3534.94	1.87	ppb
Zirconium	90-1	7.57	7.60	7.63	7.60	0.41	ppb
Zirconium	91-1	7.66	7.74	7.51	7.64	1.54	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12256.33	12237.79	12316.25	12270.12	0.33	ppb
Antimony	121-1	2.89	2.88	2.93	2.90	0.88	ppb
Arsenic	75-2	36.24	35.83	36.88	36.32	1.45	ppb
Barium	135-1	743.86	765.34	748.06	752.42	1.51	ppb
Barium	137-1	756.96	775.47	763.07	765.16	1.23	ppb
Beryllium	9-1	3.43	3.73	3.53	3.56	4.23	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	19.66	20.00	20.70	20.12	2.64	ppb
Cadmium	106-1	20.78	18.67	21.11	20.19	6.55	ppb
Cadmium	111-1	21.81	22.03	21.83	21.89	0.57	ppb
Calcium	43-1	139120.97	145496.08	138825.09	141147.38	2.67	ppb
Calcium	44-1	137228.99	140669.50	135343.65	137747.38	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.79	23.75	23.37	23.64	0.99	ppb
Cobalt	59-2	24.03	23.89	24.59	24.17	1.51	ppb
Copper	63-2	502.64	507.39	508.96	506.33	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	54-2	41593.84	41693.39	42071.32	41786.18	0.60	ppb
Iron	56-2	43831.57	43786.23	44346.60	43988.13	0.71	ppb
Iron	57-2	41246.28	41124.29	42086.85	41485.81	1.26	ppb
Krypton	83-1						cps
Lead	206-1	1726.16	1787.58	1767.65	1760.46	1.78	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1706.72	1754.51	1725.76	1729.00	1.39	ppb
Lead	208-1	1707.21	1748.08	1741.54	1732.28	1.27	ppb
Lithium	6-1				74		%
Magnesium	24-2	7817.11	7709.86	7835.18	7787.38	0.87	ppb
Manganese	55-2	7579.52	7449.04	7576.74	7535.10	0.99	ppb
Molybdenum	94-1	8.59	8.82	8.58	8.66	1.56	ppb
Molybdenum	95-1	2.51	2.51	2.52	2.51	0.21	ppb
Molybdenum	96-1	3.27	3.26	3.28	3.27	0.29	ppb
Molybdenum	97-1	2.48	2.46	2.51	2.48	0.87	ppb
Molybdenum	98-1	2.42	2.52	2.32	2.42	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.51	80.95	84.35	82.27	2.22	ppb
Phosphorus	31-2	3456.81	3787.86	3881.93	3708.87	6.02	ppb
Potassium	39-2	5130.79	5181.66	5242.18	5184.87	1.08	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	1.39	2.67	1.19	1.75	45.72	ppb
Selenium	77-2	47.02	68.09	43.23	52.78	25.37	ppb
Selenium	78-2	4.46	4.44	2.06	3.65	37.74	ppb
Silicon	28-1	436.39	442.67	433.84	437.63	1.04	ppb
Silver	107-1	9.35	9.68	9.39	9.47	1.90	ppb
Silver	109-1	9.61	9.80	9.63	9.68	1.07	ppb
Sodium	23-2	598.13	583.82	610.21	597.39	2.21	ppb
Strontium	86-1	12294.22	12796.30	12476.45	12522.33	2.03	ppb
Strontium	88-1	12329.00	12872.48	12445.96	12549.14	2.28	ppb
Sulfur	34-1	58.62	225.75	234.36	172.91	57.30	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.80	0.81	0.79	0.80	1.76	ppb
Thallium	205-1	0.81	0.82	0.78	0.81	2.61	ppb
Tin	118-1	24.17	24.52	23.86	24.19	1.36	ppb
Titanium	47-1	226.88	232.98	225.47	228.45	1.75	ppb
Uranium	238-1	4.60	4.70	4.61	4.64	1.15	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	59.96	59.76	61.31	60.34	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	5007.85	5038.30	5113.75	5053.30	1.08	ppb
Zirconium	90-1	3.35	3.61	3.47	3.48	3.72	ppb
Zirconium	91-1	3.35	3.60	3.58	3.51	3.94	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10936.39	11340.94	10778.93	11018.75	2.63	ppb
Antimony	121-1	1.90	2.00	1.97	1.96	2.67	ppb
Arsenic	75-2	25.75	27.66	26.92	26.78	3.61	ppb
Barium	135-1	706.39	707.65	706.59	706.88	0.10	ppb
Barium	137-1	714.21	716.31	719.26	716.59	0.35	ppb
Beryllium	9-1	2.78	2.77	2.75	2.77	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	11.60	12.57	12.53	12.23	4.52	ppb
Cadmium	106-1	13.60	12.38	13.37	13.12	4.94	ppb
Cadmium	111-1	13.37	13.90	14.18	13.82	2.99	ppb
Calcium	43-1	108456.51	112494.43	109615.41	110188.79	1.89	ppb
Calcium	44-1	111002.85	114977.37	112364.36	112781.52	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.35	25.32	23.88	24.52	3.00	ppb
Cobalt	59-2	20.49	21.15	20.42	20.69	1.94	ppb
Copper	63-2	306.68	320.05	302.55	309.76	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	29126.23	30110.04	28632.74	29289.67	2.57	ppb
Iron	56-2	31262.91	31774.74	30405.18	31147.61	2.22	ppb
Iron	57-2	29084.42	29841.65	28266.35	29064.14	2.71	ppb
Krypton	83-1						cps
Lead	206-1	1121.10	1175.60	1145.54	1147.41	2.38	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1096.18	1141.19	1106.26	1114.54	2.12	ppb
Lead	208-1	1102.28	1147.99	1110.87	1120.38	2.17	ppb
Lithium	6-1				74		%
Magnesium	24-2	6092.55	6321.84	5968.48	6127.62	2.93	ppb
Manganese	55-2	4504.81	4662.00	4439.25	4535.36	2.52	ppb
Molybdenum	94-1	6.95	7.22	7.20	7.13	2.09	ppb
Molybdenum	95-1	2.76	2.77	2.90	2.81	2.64	ppb
Molybdenum	96-1	3.29	3.33	3.21	3.28	1.97	ppb
Molybdenum	97-1	2.80	2.69	2.79	2.76	2.15	ppb
Molybdenum	98-1	2.66	2.83	2.81	2.76	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	153.44	155.78	144.57	151.26	3.91	ppb
Phosphorus	31-2	3217.25	3245.04	3156.94	3206.41	1.40	ppb
Potassium	39-2	4747.69	4987.30	4751.06	4828.68	2.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.66	2.80	1.33	1.60	68.53	ppb
Selenium	77-2	81.27	42.54	38.25	54.02	43.86	ppb
Selenium	78-2	9.33	10.49	12.89	10.90	16.67	ppb
Silicon	28-1	348.90	357.71	347.44	351.35	1.58	ppb
Silver	107-1	5.81	5.68	5.89	5.80	1.86	ppb
Silver	109-1	5.89	5.82	5.87	5.86	0.63	ppb
Sodium	23-2	513.42	540.59	501.11	518.37	3.90	ppb
Strontium	86-1	9093.09	9270.05	9315.86	9226.33	1.28	ppb
Strontium	88-1	9291.68	9416.54	9359.31	9355.84	0.67	ppb
Sulfur	34-1	-35.10	173.80	-20.40	39.43	295.68	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.54	0.61	0.52	0.56	8.64	ppb
Thallium	205-1	0.56	0.61	0.59	0.59	3.86	ppb
Tin	118-1	14.52	14.97	14.88	14.79	1.61	ppb
Titanium	47-1	134.31	136.20	134.72	135.08	0.74	ppb
Uranium	238-1	3.61	3.74	3.55	3.64	2.63	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	64.16	69.39	65.21	66.25	4.18	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	2989.47	3096.21	2922.99	3002.89	2.91	ppb
Zirconium	90-1	2.57	2.68	2.59	2.62	2.34	ppb
Zirconium	91-1	2.60	2.68	2.66	2.64	1.59	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17553.23	17585.07	17253.25	17463.85	1.05	ppb
Antimony	121-1	3.33	3.38	3.28	3.33	1.42	ppb
Arsenic	75-2	20.51	22.18	22.24	21.64	4.54	ppb
Barium	135-1	611.70	622.94	633.34	622.66	1.74	ppb
Barium	137-1	618.33	633.94	639.98	630.75	1.77	ppb
Beryllium	9-1	4.34	4.30	4.47	4.37	1.99	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	11.65	11.96	10.11	11.24	8.80	ppb
Cadmium	106-1	12.06	11.14	13.32	12.17	9.02	ppb
Cadmium	111-1	10.52	11.12	11.32	10.99	3.78	ppb
Calcium	43-1	172644.26	173282.86	176331.29	174086.14	1.13	ppb
Calcium	44-1	170053.91	171228.24	169724.36	170335.51	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.66	175.00	174.05	176.24	1.71	ppb
Cobalt	59-2	18.93	18.77	18.48	18.73	1.22	ppb
Copper	63-2	208.86	206.56	206.42	207.28	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	54-2	49263.26	48853.25	48580.18	48898.90	0.70	ppb
Iron	56-2	51609.28	51396.35	50627.73	51211.12	1.01	ppb
Iron	57-2	48502.93	48350.31	48047.70	48300.31	0.48	ppb
Krypton	83-1						cps
Lead	206-1	1137.81	1166.59	1135.91	1146.77	1.50	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1089.80	1146.41	1098.75	1111.65	2.74	ppb
Lead	208-1	1092.73	1138.22	1105.77	1112.24	2.11	ppb
Lithium	6-1				74		%
Magnesium	24-2	19933.12	19842.22	19502.14	19759.16	1.15	ppb
Manganese	55-2	6266.54	6152.63	6073.86	6164.34	1.57	ppb
Molybdenum	94-1	14.54	14.74	15.11	14.80	1.96	ppb
Molybdenum	95-1	3.73	3.93	3.88	3.85	2.71	ppb
Molybdenum	96-1	4.85	5.02	5.24	5.04	3.87	ppb
Molybdenum	97-1	3.84	3.74	3.83	3.80	1.39	ppb
Molybdenum	98-1	3.78	3.85	3.66	3.77	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.52	71.85	73.34	72.90	1.26	ppb
Phosphorus	31-2	3961.54	3939.80	3996.65	3966.00	0.72	ppb
Potassium	39-2	8023.84	8006.78	7889.62	7973.41	0.92	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	1.29	1.22	1.60	1.37	14.77	ppb
Selenium	77-2	43.04	68.57	47.06	52.89	25.96	ppb
Selenium	78-2	8.16	3.26	5.68	5.70	43.04	ppb
Silicon	28-1	920.36	927.41	915.74	921.17	0.64	ppb
Silver	107-1	3.13	3.39	3.37	3.30	4.40	ppb
Silver	109-1	3.34	3.41	3.46	3.40	1.74	ppb
Sodium	23-2	1015.14	1022.30	984.30	1007.25	2.00	ppb
Strontium	86-1	14022.98	14201.24	14453.48	14225.90	1.52	ppb
Strontium	88-1	14242.72	14174.58	14463.04	14293.44	1.05	ppb
Sulfur	34-1	1210.34	1403.06	1335.73	1316.38	7.43	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	0.23	0.24	0.26	0.24	5.20	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	2.64	ppb
Tin	118-1	12.67	13.01	13.28	12.99	2.37	ppb
Titanium	47-1	385.01	392.82	386.43	388.09	1.07	ppb
Uranium	238-1	4.95	5.12	4.95	5.00	1.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	84.59	83.34	81.51	83.15	1.86	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	4263.47	4228.72	4193.08	4228.42	0.83	ppb
Zirconium	90-1	6.07	6.14	6.20	6.14	1.03	ppb
Zirconium	91-1	6.26	5.79	6.31	6.12	4.71	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16595.74	16013.50	16665.15	16424.79	2.18	ppb
Antimony	121-1	2.86	3.00	2.86	2.91	2.79	ppb
Arsenic	75-2	49.72	49.39	51.02	50.05	1.72	ppb
Barium	135-1	739.16	750.08	752.44	747.23	0.95	ppb
Barium	137-1	750.22	767.98	761.03	759.75	1.18	ppb
Beryllium	9-1	4.52	4.55	4.48	4.51	0.79	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	23.31	21.84	22.70	22.62	3.26	ppb
Cadmium	106-1	21.51	24.37	24.40	23.42	7.09	ppb
Cadmium	111-1	23.99	25.28	24.63	24.63	2.64	ppb
Calcium	43-1	198081.29	197323.33	194987.19	196797.27	0.82	ppb
Calcium	44-1	192356.14	193864.89	191680.91	192633.98	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.64	75.63	78.94	77.40	2.16	ppb
Cobalt	59-2	24.27	24.13	25.10	24.50	2.13	ppb
Copper	63-2	501.46	487.88	508.06	499.13	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	54-2	48677.04	47201.21	48933.50	48270.58	1.94	ppb
Iron	56-2	51367.47	49765.70	51778.10	50970.42	2.09	ppb
Iron	57-2	48223.97	46842.66	48390.51	47819.05	1.78	ppb
Krypton	83-1						cps
Lead	206-1	1930.60	1968.05	1918.99	1939.22	1.32	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1901.24	1929.03	1883.75	1904.67	1.20	ppb
Lead	208-1	1891.22	1922.49	1911.69	1908.47	0.83	ppb
Lithium	6-1				74		%
Magnesium	24-2	13328.56	12912.47	13379.92	13206.98	1.94	ppb
Manganese	55-2	8143.27	7895.01	8112.77	8050.35	1.68	ppb
Molybdenum	94-1	11.53	11.65	11.75	11.64	0.93	ppb
Molybdenum	95-1	3.09	2.88	2.88	2.95	4.20	ppb
Molybdenum	96-1	3.89	4.05	4.05	4.00	2.42	ppb
Molybdenum	97-1	2.84	3.02	2.97	2.94	3.14	ppb
Molybdenum	98-1	2.91	2.95	2.96	2.94	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.23	88.78	94.11	92.04	3.11	ppb
Phosphorus	31-2	3611.01	3292.34	3516.47	3473.28	4.71	ppb
Potassium	39-2	6864.41	6760.65	6923.78	6849.62	1.21	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	1.91	1.17	1.35	1.47	26.02	ppb
Selenium	77-2	69.56	60.09	47.48	59.04	18.76	ppb
Selenium	78-2	8.25	5.70	10.64	8.20	30.13	ppb
Silicon	28-1	715.58	722.82	716.31	718.24	0.55	ppb
Silver	107-1	9.06	9.09	9.17	9.11	0.59	ppb
Silver	109-1	9.32	9.25	9.35	9.30	0.58	ppb
Sodium	23-2	834.66	799.06	851.99	828.57	3.26	ppb
Strontium	86-1	15510.58	15987.24	15946.10	15814.64	1.67	ppb
Strontium	88-1	15633.15	16156.16	16118.48	15969.26	1.83	ppb
Sulfur	34-1	1031.40	1180.34	1083.88	1098.54	6.88	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	0.61	0.60	0.57	0.59	3.19	ppb
Thallium	205-1	0.64	0.61	0.62	0.62	2.45	ppb
Tin	118-1	17.33	17.47	17.35	17.38	0.42	ppb
Titanium	47-1	298.74	305.30	297.09	300.38	1.44	ppb
Uranium	238-1	4.64	4.57	4.75	4.65	1.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	83.83	81.34	84.40	83.19	1.96	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	5596.52	5392.82	5618.12	5535.82	2.25	ppb
Zirconium	90-1	4.93	5.20	5.06	5.06	2.59	ppb
Zirconium	91-1	4.96	5.10	5.21	5.09	2.48	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48610.61	48522.61	47366.20	48166.47	1.44	ppb
Antimony	121-1	472.83	482.71	502.43	485.99	3.10	ppb
Arsenic	75-2	479.88	485.68	482.63	482.73	0.60	ppb
Barium	135-1	2431.66	2506.48	2536.14	2491.43	2.16	ppb
Barium	137-1	2444.31	2479.55	2548.60	2490.82	2.13	ppb
Beryllium	9-1	540.48	546.44	548.34	545.09	0.75	ppb
Bismuth	209-1				76		%
Bismuth	209-2				74		%
Bromine	81-1						cps
Cadmium	108-1	470.59	475.63	479.79	475.34	0.97	ppb
Cadmium	106-1	449.16	480.20	490.55	473.30	4.55	ppb
Cadmium	111-1	459.62	473.59	487.18	473.46	2.91	ppb
Calcium	43-1	250276.96	250782.86	247245.34	249435.05	0.77	ppb
Calcium	44-1	248989.03	242933.59	243828.42	245250.35	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.79	502.09	493.70	498.86	0.90	ppb
Cobalt	59-2	505.78	508.12	494.00	502.63	1.51	ppb
Copper	63-2	5056.58	5053.88	4925.42	5011.96	1.50	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				84		%
Holmium	165-2				81		%
Indium	115-1				78		%
Indium	115-2				73		%
Iron	54-2	126462.10	128573.87	126689.93	127241.97	0.91	ppb
Iron	56-2	127089.34	127542.00	123434.03	126021.79	1.79	ppb
Iron	57-2	119719.24	119958.44	116186.65	118621.44	1.78	ppb
Krypton	83-1						cps
Lead	206-1	2531.72	2620.03	2584.68	2578.81	1.72	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2547.50	2565.94	2608.56	2574.00	1.22	ppb
Lead	208-1	2543.07	2595.42	2596.81	2578.44	1.19	ppb
Lithium	6-1				61		%
Magnesium	24-2	242593.61	241777.59	235816.95	240062.72	1.54	ppb
Manganese	55-2	4781.69	4787.65	4655.93	4741.76	1.57	ppb
Molybdenum	94-1	5238.94	5173.27	5242.33	5218.18	0.75	ppb
Molybdenum	95-1	5153.12	5141.30	5161.70	5152.04	0.20	ppb
Molybdenum	96-1	5177.83	5130.02	5175.13	5161.00	0.52	ppb
Molybdenum	97-1	5158.76	5151.37	5274.92	5195.02	1.33	ppb
Molybdenum	98-1	5165.14	5141.47	5194.41	5167.01	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.45	491.31	476.10	485.62	1.71	ppb
Phosphorus	31-2	10185.80	9332.78	9492.63	9670.40	4.69	ppb
Potassium	39-2	122738.91	122467.46	119125.09	121443.82	1.66	ppb
Rhodium	103-1				75		%
Rhodium	103-2				72		%
Scandium	45-1				75		%
Scandium	45-2				72		%
Selenium	82-1	501.30	501.50	501.93	501.57	0.06	ppb
Selenium	77-2	518.85	569.82	319.44	469.37	28.19	ppb
Selenium	78-2	457.37	446.52	502.09	468.66	6.28	ppb
Silicon	28-1	514.57	514.15	505.17	511.30	1.04	ppb
Silver	107-1	475.36	482.37	492.56	483.43	1.79	ppb
Silver	109-1	484.98	488.17	503.00	492.05	1.95	ppb
Sodium	23-2	244255.86	245652.13	237562.29	242490.09	1.78	ppb
Strontium	86-1	12671.75	12695.93	12763.06	12710.25	0.37	ppb
Strontium	88-1	12737.18	12897.15	12800.64	12811.66	0.63	ppb
Sulfur	34-1	10125.99	9694.45	9631.96	9817.47	2.74	ppb
Terbium	159-1				85		%
Terbium	159-2				80		%
Thallium	203-1	481.38	487.08	493.69	487.38	1.26	ppb
Thallium	205-1	515.54	526.07	519.85	520.49	1.02	ppb
Tin	118-1	456.07	463.48	476.80	465.45	2.26	ppb
Titanium	47-1	5166.08	5193.29	5080.94	5146.77	1.14	ppb
Uranium	238-1	531.08	535.35	549.39	538.60	1.78	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.90	509.16	501.11	506.05	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				79		%
Yttrium	89-2				76		%
Zinc	66-2	4877.57	4942.57	4798.59	4872.91	1.48	ppb
Zirconium	90-1	526.17	517.71	527.39	523.76	1.01	ppb
Zirconium	91-1	497.68	493.86	494.88	495.47	0.40	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.85	0.72	2.25	1.61	49.31	ppb
Antimony	121-1	0.14	0.13	0.12	0.13	8.11	ppb
Arsenic	75-2	0.06	0.06	0.13	0.09	43.78	ppb
Barium	135-1	0.48	0.39	0.30	0.39	23.46	ppb
Barium	137-1	0.41	0.39	0.35	0.39	7.08	ppb
Beryllium	9-1	0.28	0.24	0.24	0.25	9.35	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	-0.15	-0.10	-0.04	-0.10		ppb
Cadmium	106-1	-1.88	-1.30	-1.50	-1.56		ppb
Cadmium	111-1	-0.10	-0.05	-0.06	-0.07		ppb
Calcium	43-1	10.41	4.51	1.54	5.49	82.29	ppb
Calcium	44-1	13.73	8.84	8.21	10.26	29.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.04	0.02	111.45	ppb
Cobalt	59-2	0.05	0.03	0.00	0.03	88.74	ppb
Copper	63-2	0.45	0.42	0.34	0.40	13.55	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				84		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				79		%
Iron	54-2	9.80	8.22	7.57	8.53	13.44	ppb
Iron	56-2	8.30	7.86	7.25	7.80	6.79	ppb
Iron	57-2	10.43	8.89	10.83	10.05	10.16	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.26	0.21	0.27	24.70	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.29	0.28	0.19	0.25	20.76	ppb
Lead	208-1	0.31	0.24	0.22	0.25	18.41	ppb
Lithium	6-1				61		%
Magnesium	24-2	10.63	9.89	10.46	10.33	3.77	ppb
Manganese	55-2	0.39	0.52	0.24	0.38	36.51	ppb
Molybdenum	94-1	0.34	0.31	0.35	0.33	6.76	ppb
Molybdenum	95-1	0.41	0.29	0.26	0.32	24.20	ppb
Molybdenum	96-1	0.38	0.29	0.34	0.34	13.51	ppb
Molybdenum	97-1	0.39	0.27	0.22	0.29	29.97	ppb
Molybdenum	98-1	0.36	0.27	0.26	0.30	19.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.73	0.67	0.63	20.94	ppb
Phosphorus	31-2	-39.13	-47.36	-39.11	-41.87		ppb
Potassium	39-2	58.09	59.62	51.04	56.25	8.14	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				74		%
Scandium	45-2				72		%
Selenium	82-1	0.54	0.15	0.71	0.47	60.72	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	1.12	1.14	0.62	142.13	ppb
Silicon	28-1	0.11	0.07	0.06	0.08	31.06	ppb
Silver	107-1	0.08	0.06	0.06	0.07	11.93	ppb
Silver	109-1	0.07	0.08	0.06	0.07	13.30	ppb
Sodium	23-2	147.84	162.61	146.39	152.28	5.89	ppb
Strontium	86-1	-0.32	-0.64	0.27	-0.23		ppb
Strontium	88-1	0.35	0.24	0.35	0.31	21.48	ppb
Sulfur	34-1	-222.47	-392.18	-272.99	-295.88		ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	0.09	0.07	0.04	0.07	31.78	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	14.62	ppb
Tin	118-1	0.04	0.02	0.06	0.04	52.77	ppb
Titanium	47-1	0.92	0.18	0.08	0.39	116.60	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	15.71	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.01	0.01	0.00	370.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				79		%
Yttrium	89-2				78		%
Zinc	66-2	0.47	0.81	0.56	0.61	28.41	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	20.50	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	23.53	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9141.90	9321.59	9881.74	9448.41	4.08	ppb
Antimony	121-1	2.17	2.18	2.20	2.18	0.68	ppb
Arsenic	75-2	39.91	42.68	46.89	43.16	8.14	ppb
Barium	135-1	583.22	590.26	596.95	590.15	1.16	ppb
Barium	137-1	596.39	601.01	600.40	599.27	0.42	ppb
Beryllium	9-1	2.55	2.48	2.65	2.56	3.35	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	15.39	16.07	14.74	15.40	4.32	ppb
Cadmium	106-1	14.78	16.35	14.57	15.23	6.39	ppb
Cadmium	111-1	16.45	17.23	17.00	16.89	2.40	ppb
Calcium	43-1	130688.87	133391.20	135100.39	133060.15	1.67	ppb
Calcium	44-1	132722.13	130882.89	132593.07	132066.03	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.84	18.88	20.10	19.27	3.70	ppb
Cobalt	59-2	19.89	19.53	21.27	20.23	4.55	ppb
Copper	63-2	389.57	393.18	420.03	400.93	4.15	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				89		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	54-2	23110.50	23435.65	24934.87	23827.01	4.08	ppb
Iron	56-2	24281.71	24546.83	26235.25	25021.26	4.24	ppb
Iron	57-2	22764.49	23240.20	24808.67	23604.45	4.53	ppb
Krypton	83-1						cps
Lead	206-1	1160.99	1226.49	1185.72	1191.07	2.78	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1156.26	1211.29	1164.63	1177.39	2.52	ppb
Lead	208-1	1154.45	1209.27	1172.94	1178.89	2.37	ppb
Lithium	6-1				67		%
Magnesium	24-2	5700.83	5708.96	6108.98	5839.59	4.00	ppb
Manganese	55-2	4067.55	4098.68	4382.92	4183.05	4.15	ppb
Molybdenum	94-1	7.18	7.02	7.01	7.07	1.29	ppb
Molybdenum	95-1	2.02	2.08	2.15	2.08	3.07	ppb
Molybdenum	96-1	2.77	2.72	2.68	2.72	1.65	ppb
Molybdenum	97-1	2.26	2.27	2.06	2.20	5.18	ppb
Molybdenum	98-1	1.98	2.14	2.20	2.11	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.07	61.38	66.80	63.08	5.11	ppb
Phosphorus	31-2	2825.92	3114.74	3243.11	3061.26	6.98	ppb
Potassium	39-2	3532.52	3589.84	3802.15	3641.50	3.90	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				79		%
Scandium	45-2				82		%
Selenium	82-1	0.92	1.52	0.96	1.14	29.48	ppb
Selenium	77-2	56.74	43.90	51.39	50.68	12.73	ppb
Selenium	78-2	8.28	9.59	8.89	8.92	7.29	ppb
Silicon	28-1	201.16	201.17	200.67	201.00	0.14	ppb
Silver	107-1	6.68	6.75	6.72	6.71	0.54	ppb
Silver	109-1	6.65	6.89	6.72	6.75	1.78	ppb
Sodium	23-2	508.54	523.81	567.12	533.16	5.70	ppb
Strontium	86-1	9246.53	9377.24	9343.04	9322.27	0.73	ppb
Strontium	88-1	9326.89	9270.81	9612.24	9403.31	1.95	ppb
Sulfur	34-1	405.06	365.42	357.54	376.01	6.77	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.65	0.65	0.75	0.69	8.14	ppb
Thallium	205-1	0.71	0.74	0.70	0.72	2.71	ppb
Tin	118-1	9.45	9.43	9.48	9.45	0.30	ppb
Titanium	47-1	118.30	116.62	118.72	117.88	0.94	ppb
Uranium	238-1	2.77	2.84	2.77	2.79	1.36	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	65.99	65.49	70.82	67.43	4.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	2371.52	2397.99	2576.50	2448.67	4.55	ppb
Zirconium	90-1	2.81	2.81	2.71	2.78	2.01	ppb
Zirconium	91-1	2.88	2.87	2.83	2.86	0.95	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8491.87	8571.97	8672.85	8578.89	1.06	ppb
Antimony	121-1	1.08	1.08	1.06	1.07	1.24	ppb
Arsenic	75-2	17.83	19.91	16.83	18.19	8.64	ppb
Barium	135-1	533.11	540.68	551.61	541.80	1.72	ppb
Barium	137-1	540.41	546.54	557.47	548.14	1.58	ppb
Beryllium	9-1	1.84	1.90	1.89	1.88	1.89	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	4.82	4.97	3.73	4.51	15.10	ppb
Cadmium	106-1	5.22	5.60	5.77	5.53	5.06	ppb
Cadmium	111-1	5.14	5.26	5.59	5.33	4.37	ppb
Calcium	43-1	149494.76	151774.27	154535.68	151934.90	1.66	ppb
Calcium	44-1	149472.10	149284.32	150931.09	149895.84	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.54	13.49	13.86	13.96	3.79	ppb
Cobalt	59-2	13.92	13.89	14.12	13.97	0.91	ppb
Copper	63-2	102.27	101.88	103.17	102.44	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	54-2	9958.68	9988.96	9976.86	9974.84	0.15	ppb
Iron	56-2	10420.21	10484.81	10608.62	10504.55	0.91	ppb
Iron	57-2	9892.72	9814.69	9970.54	9892.65	0.79	ppb
Krypton	83-1						cps
Lead	206-1	264.75	266.24	263.22	264.74	0.57	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	261.00	264.37	260.87	262.08	0.76	ppb
Lead	208-1	263.58	264.90	261.80	263.42	0.59	ppb
Lithium	6-1				71		%
Magnesium	24-2	6085.32	6083.41	6109.02	6092.59	0.23	ppb
Manganese	55-2	1641.70	1651.38	1667.82	1653.63	0.80	ppb
Molybdenum	94-1	6.44	6.44	6.62	6.50	1.60	ppb
Molybdenum	95-1	1.29	1.51	1.41	1.40	8.04	ppb
Molybdenum	96-1	2.03	2.02	2.08	2.05	1.61	ppb
Molybdenum	97-1	1.41	1.59	1.47	1.49	6.02	ppb
Molybdenum	98-1	1.45	1.43	1.40	1.43	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.82	52.88	54.70	53.80	1.69	ppb
Phosphorus	31-2	2925.96	3006.16	3194.04	3042.05	4.52	ppb
Potassium	39-2	2734.08	2785.66	2812.64	2777.46	1.44	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	0.43	0.62	1.36	0.80	61.64	ppb
Selenium	77-2	65.60	56.61	73.90	65.37	13.23	ppb
Selenium	78-2	4.57	4.55	9.49	6.20	45.83	ppb
Silicon	28-1	158.95	164.46	164.26	162.56	1.92	ppb
Silver	107-1	1.85	1.89	1.86	1.87	1.12	ppb
Silver	109-1	1.95	1.98	2.02	1.98	1.66	ppb
Sodium	23-2	453.44	462.59	468.11	461.38	1.61	ppb
Strontium	86-1	8458.80	8590.99	8482.29	8510.69	0.83	ppb
Strontium	88-1	8662.86	8674.96	8584.86	8640.89	0.57	ppb
Sulfur	34-1	173.55	103.34	158.02	144.97	25.44	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.26	0.27	0.26	0.26	3.37	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	2.54	ppb
Tin	118-1	2.76	2.71	2.82	2.76	2.04	ppb
Titanium	47-1	63.90	65.56	66.01	65.16	1.71	ppb
Uranium	238-1	2.98	3.05	2.95	2.99	1.70	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	54.74	55.24	55.55	55.18	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	656.99	657.10	663.47	659.18	0.56	ppb
Zirconium	90-1	2.86	2.95	2.85	2.89	1.95	ppb
Zirconium	91-1	2.94	3.09	2.87	2.97	3.85	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9233.75	9654.20	9499.15	9462.36	2.25	ppb
Antimony	121-1	3.35	3.36	3.41	3.37	0.92	ppb
Arsenic	75-2	35.34	37.69	33.52	35.52	5.89	ppb
Barium	135-1	587.13	585.11	578.08	583.44	0.81	ppb
Barium	137-1	590.25	589.90	580.41	586.85	0.95	ppb
Beryllium	9-1	2.51	2.57	2.45	2.51	2.22	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	14.16	15.67	15.63	15.15	5.68	ppb
Cadmium	106-1	15.03	16.80	14.63	15.49	7.45	ppb
Cadmium	111-1	17.05	16.90	16.51	16.82	1.64	ppb
Calcium	43-1	185005.50	182875.07	182212.13	183364.23	0.80	ppb
Calcium	44-1	180551.27	182141.64	175387.37	179360.09	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.49	54.12	53.84	53.48	1.63	ppb
Cobalt	59-2	17.40	17.77	17.72	17.63	1.16	ppb
Copper	63-2	261.27	271.24	266.28	266.26	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	54-2	31550.18	32500.15	31979.38	32009.90	1.49	ppb
Iron	56-2	33578.19	34247.95	33661.91	33829.35	1.08	ppb
Iron	57-2	31337.96	32358.95	31636.36	31777.76	1.65	ppb
Krypton	83-1						cps
Lead	206-1	1555.50	1545.67	1492.65	1531.27	2.21	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1500.89	1515.32	1442.25	1486.15	2.60	ppb
Lead	208-1	1502.54	1504.71	1443.17	1483.47	2.35	ppb
Lithium	6-1				71		%
Magnesium	24-2	8525.85	8761.69	8714.07	8667.20	1.44	ppb
Manganese	55-2	3720.92	3873.69	3775.43	3790.01	2.04	ppb
Molybdenum	94-1	9.32	9.20	8.70	9.08	3.64	ppb
Molybdenum	95-1	3.64	3.69	3.48	3.60	2.97	ppb
Molybdenum	96-1	4.30	4.58	4.19	4.36	4.67	ppb
Molybdenum	97-1	3.60	3.84	3.42	3.62	5.73	ppb
Molybdenum	98-1	3.51	3.74	3.38	3.54	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.18	74.40	73.54	73.04	2.28	ppb
Phosphorus	31-2	4028.72	4006.63	3950.29	3995.22	1.01	ppb
Potassium	39-2	4263.81	4445.70	4378.18	4362.57	2.11	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	1.74	1.74	1.18	1.55	20.97	ppb
Selenium	77-2	48.91	17.95	89.78	52.21	69.00	ppb
Selenium	78-2	12.24	3.43	14.91	10.19	58.94	ppb
Silicon	28-1	316.01	318.58	306.25	313.61	2.07	ppb
Silver	107-1	3.88	3.95	3.93	3.92	0.96	ppb
Silver	109-1	4.06	4.06	3.95	4.02	1.68	ppb
Sodium	23-2	1068.73	1117.27	1092.76	1092.92	2.22	ppb
Strontium	86-1	13437.02	13718.21	13213.69	13456.31	1.88	ppb
Strontium	88-1	13344.83	13731.87	13208.29	13428.33	2.02	ppb
Sulfur	34-1	1163.12	1174.33	995.19	1110.88	9.03	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.40	0.34	0.33	0.35	10.13	ppb
Thallium	205-1	0.36	0.35	0.35	0.36	2.15	ppb
Tin	118-1	17.40	17.64	17.32	17.46	0.95	ppb
Titanium	47-1	180.53	181.69	175.58	179.27	1.81	ppb
Uranium	238-1	3.95	4.04	3.88	3.96	2.13	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	69.72	72.66	71.26	71.22	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	3011.85	3099.84	3086.29	3065.99	1.55	ppb
Zirconium	90-1	3.37	3.47	3.49	3.44	1.85	ppb
Zirconium	91-1	3.35	3.52	3.28	3.38	3.71	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8944.79	8808.83	8846.05	8866.56	0.79	ppb
Antimony	121-1	3.88	3.83	3.85	3.85	0.69	ppb
Arsenic	75-2	55.81	54.34	55.47	55.21	1.40	ppb
Barium	135-1	554.34	559.77	559.98	558.03	0.57	ppb
Barium	137-1	560.07	572.01	566.24	566.11	1.05	ppb
Beryllium	9-1	2.53	2.51	2.48	2.50	0.95	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	21.80	22.84	21.94	22.19	2.53	ppb
Cadmium	106-1	21.43	22.55	23.56	22.51	4.75	ppb
Cadmium	111-1	25.24	25.47	25.04	25.25	0.85	ppb
Calcium	43-1	144584.13	142127.95	149090.53	145267.54	2.43	ppb
Calcium	44-1	141488.09	141089.36	143864.53	142147.33	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.83	21.59	22.08	21.83	1.12	ppb
Cobalt	59-2	21.66	21.00	21.79	21.48	1.98	ppb
Copper	63-2	509.81	497.84	508.72	505.46	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				93		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	54-2	34509.07	33566.78	34021.00	34032.28	1.38	ppb
Iron	56-2	36159.15	35425.19	35669.92	35751.42	1.05	ppb
Iron	57-2	34126.10	33366.09	33555.51	33682.57	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1836.67	1858.46	1854.05	1849.73	0.62	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1803.36	1829.77	1814.84	1815.99	0.73	ppb
Lead	208-1	1808.01	1834.56	1823.28	1821.95	0.73	ppb
Lithium	6-1				70		%
Magnesium	24-2	6652.89	6495.82	6610.64	6586.45	1.23	ppb
Manganese	55-2	6506.94	6422.01	6577.10	6502.02	1.19	ppb
Molybdenum	94-1	7.02	7.28	6.86	7.05	3.04	ppb
Molybdenum	95-1	2.77	2.64	2.79	2.73	3.01	ppb
Molybdenum	96-1	3.24	3.44	3.25	3.31	3.42	ppb
Molybdenum	97-1	2.61	2.75	2.69	2.69	2.74	ppb
Molybdenum	98-1	2.77	2.63	2.71	2.70	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.71	98.49	99.25	99.48	1.13	ppb
Phosphorus	31-2	4110.56	3901.40	4313.74	4108.57	5.02	ppb
Potassium	39-2	4284.09	4200.48	4292.14	4258.90	1.19	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	0.88	0.75	1.65	1.09	44.22	ppb
Selenium	77-2	67.30	63.00	53.94	61.42	11.11	ppb
Selenium	78-2	5.98	8.55	12.38	8.97	35.88	ppb
Silicon	28-1	140.22	141.59	146.99	142.93	2.50	ppb
Silver	107-1	8.98	9.06	9.28	9.11	1.73	ppb
Silver	109-1	9.24	9.43	9.11	9.26	1.72	ppb
Sodium	23-2	908.48	896.16	900.54	901.73	0.69	ppb
Strontium	86-1	11234.62	11397.14	11524.06	11385.27	1.27	ppb
Strontium	88-1	11303.34	11565.42	11585.44	11484.73	1.37	ppb
Sulfur	34-1	634.14	537.58	719.64	630.45	14.45	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.77	0.77	0.82	0.79	3.10	ppb
Thallium	205-1	0.82	0.82	0.81	0.82	0.84	ppb
Tin	118-1	19.24	19.86	19.36	19.49	1.68	ppb
Titanium	47-1	154.97	152.13	156.08	154.39	1.32	ppb
Uranium	238-1	3.31	3.36	3.34	3.34	0.75	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	60.01	58.86	59.99	59.62	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	4247.11	4120.31	4217.73	4195.05	1.58	ppb
Zirconium	90-1	2.57	2.59	2.57	2.58	0.43	ppb
Zirconium	91-1	2.54	2.65	2.58	2.59	2.13	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6812.85	6585.91	6672.27	6690.34	1.71	ppb
Antimony	121-1	1.95	2.06	1.97	1.99	2.83	ppb
Arsenic	75-2	26.68	28.58	28.91	28.06	4.28	ppb
Barium	135-1	485.73	489.41	489.01	488.05	0.41	ppb
Barium	137-1	497.52	498.00	499.23	498.25	0.18	ppb
Beryllium	9-1	1.58	1.69	1.55	1.60	4.55	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	9.84	8.71	9.93	9.49	7.15	ppb
Cadmium	106-1	9.09	9.09	8.16	8.78	6.13	ppb
Cadmium	111-1	10.77	10.60	10.52	10.63	1.20	ppb
Calcium	43-1	140673.01	144428.63	142790.55	142630.73	1.32	ppb
Calcium	44-1	137281.72	142098.92	140428.68	139936.44	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.84	9.28	9.05	9.39	4.35	ppb
Cobalt	59-2	13.96	14.07	13.68	13.90	1.44	ppb
Copper	63-2	223.98	221.24	219.93	221.71	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	54-2	14961.78	14695.62	14684.90	14780.77	1.06	ppb
Iron	56-2	15956.38	15517.27	15449.34	15640.99	1.76	ppb
Iron	57-2	14968.49	14529.62	14429.01	14642.37	1.96	ppb
Krypton	83-1						cps
Lead	206-1	689.99	703.53	708.57	700.70	1.37	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	659.46	680.84	681.81	674.04	1.87	ppb
Lead	208-1	672.76	693.67	695.55	687.33	1.84	ppb
Lithium	6-1				71		%
Magnesium	24-2	4797.62	4721.32	4724.34	4747.76	0.91	ppb
Manganese	55-2	2623.01	2586.29	2571.79	2593.69	1.02	ppb
Molybdenum	94-1	5.20	5.36	5.37	5.31	1.82	ppb
Molybdenum	95-1	1.80	1.64	1.69	1.71	4.65	ppb
Molybdenum	96-1	2.07	2.10	2.14	2.10	1.79	ppb
Molybdenum	97-1	1.70	1.89	1.77	1.79	5.46	ppb
Molybdenum	98-1	1.66	1.77	1.80	1.74	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.84	73.49	74.52	73.95	0.71	ppb
Phosphorus	31-2	3741.24	3292.27	3549.93	3527.81	6.39	ppb
Potassium	39-2	3163.85	3144.63	3131.22	3146.56	0.52	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	1.67	1.79	1.01	1.49	28.29	ppb
Selenium	77-2	27.37	62.36	43.89	44.54	39.30	ppb
Selenium	78-2	7.38	5.93	7.09	6.80	11.26	ppb
Silicon	28-1	139.01	141.34	140.87	140.41	0.88	ppb
Silver	107-1	4.04	3.99	3.93	3.99	1.38	ppb
Silver	109-1	4.06	4.04	3.99	4.03	0.88	ppb
Sodium	23-2	746.79	737.71	738.80	741.10	0.67	ppb
Strontium	86-1	7874.05	7908.65	7931.61	7904.77	0.37	ppb
Strontium	88-1	7926.32	8029.80	7963.92	7973.35	0.66	ppb
Sulfur	34-1	191.16	361.16	142.58	231.63	49.55	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.41	0.40	0.40	0.41	1.59	ppb
Thallium	205-1	0.41	0.40	0.42	0.41	2.21	ppb
Tin	118-1	8.05	8.19	8.17	8.13	0.95	ppb
Titanium	47-1	69.27	72.22	70.04	70.51	2.16	ppb
Uranium	238-1	2.61	2.72	2.67	2.67	1.93	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.07	48.41	47.95	48.48	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	1546.08	1518.50	1522.72	1529.10	0.97	ppb
Zirconium	90-1	1.99	2.05	2.07	2.03	2.05	ppb
Zirconium	91-1	2.04	2.10	2.06	2.07	1.48	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29277.04	29530.82	29478.72	29428.86	0.46	ppb
Antimony	121-1	3.17	3.24	3.20	3.21	1.10	ppb
Arsenic	75-2	69.60	74.62	75.78	73.33	4.48	ppb
Barium	135-1	84.09	84.64	84.72	84.48	0.40	ppb
Barium	137-1	83.61	86.36	85.93	85.30	1.74	ppb
Beryllium	9-1	0.52	0.55	0.55	0.54	3.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	1.00	1.35	1.40	1.25	17.54	ppb
Cadmium	106-1	1.17	0.01	-1.03	0.05	2132.71	ppb
Cadmium	111-1	0.78	0.71	0.62	0.70	11.21	ppb
Calcium	43-1	4926.20	4996.94	4876.30	4933.14	1.23	ppb
Calcium	44-1	4926.96	4891.80	4882.08	4900.28	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.13	53.85	54.60	53.53	2.36	ppb
Cobalt	59-2	40.17	40.83	42.11	41.04	2.39	ppb
Copper	63-2	133.85	134.72	136.49	135.02	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	54-2	96429.89	95393.50	96446.03	96089.80	0.63	ppb
Iron	56-2	94349.80	95864.91	95370.68	95195.13	0.81	ppb
Iron	57-2	89105.13	90295.00	90109.09	89836.41	0.71	ppb
Krypton	83-1						cps
Lead	206-1	28.89	29.81	29.59	29.43	1.64	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	27.57	28.12	28.29	27.99	1.34	ppb
Lead	208-1	28.15	28.77	28.64	28.52	1.13	ppb
Lithium	6-1				72		%
Magnesium	24-2	15717.31	15886.51	15902.68	15835.50	0.65	ppb
Manganese	55-2	857.24	869.67	870.20	865.70	0.85	ppb
Molybdenum	94-1	11.28	11.07	11.27	11.20	1.06	ppb
Molybdenum	95-1	5.31	5.13	5.37	5.27	2.38	ppb
Molybdenum	96-1	6.37	5.97	6.15	6.17	3.22	ppb
Molybdenum	97-1	5.25	5.29	5.17	5.23	1.16	ppb
Molybdenum	98-1	5.13	5.04	5.12	5.10	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.64	137.25	137.56	136.82	0.75	ppb
Phosphorus	31-2	1756.86	1586.00	1781.24	1708.03	6.23	ppb
Potassium	39-2	1317.50	1367.68	1363.70	1349.62	2.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	4.88	3.88	3.25	4.00	20.61	ppb
Selenium	77-2	23.44	9.27	9.28	14.00	58.43	ppb
Selenium	78-2	10.26	2.24	6.19	6.23	64.39	ppb
Silicon	28-1	122.03	122.02	122.37	122.14	0.16	ppb
Silver	107-1	0.51	0.46	0.45	0.47	5.92	ppb
Silver	109-1	0.48	0.49	0.44	0.47	5.04	ppb
Sodium	23-2	330.48	337.42	334.52	334.14	1.04	ppb
Strontium	86-1	1246.97	1249.67	1258.36	1251.67	0.48	ppb
Strontium	88-1	1192.53	1190.92	1213.03	1198.83	1.03	ppb
Sulfur	34-1	-209.11	-303.93	-177.25	-230.10		ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.19	0.17	0.18	0.18	5.54	ppb
Thallium	205-1	0.17	0.19	0.20	0.19	6.03	ppb
Tin	118-1	0.49	0.37	0.42	0.43	13.99	ppb
Titanium	47-1	26.33	22.99	21.90	23.74	9.74	ppb
Uranium	238-1	1.35	1.31	1.38	1.35	2.47	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	55.56	57.29	57.47	56.77	1.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	231.37	228.36	221.75	227.16	2.17	ppb
Zirconium	90-1	3.73	3.66	3.80	3.73	1.86	ppb
Zirconium	91-1	3.80	3.89	3.63	3.77	3.44	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4182.07	4126.21	4094.78	4134.35	1.07	ppb
Antimony	121-1	14.60	15.33	13.15	14.36	7.74	ppb
Arsenic	75-2	345.24	345.54	343.52	344.77	0.32	ppb
Barium	135-1	57.80	61.69	52.68	57.39	7.87	ppb
Barium	137-1	59.52	63.00	53.06	58.53	8.62	ppb
Beryllium	9-1	0.61	0.59	0.53	0.58	7.39	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	1.63	1.46	1.25	1.45	12.98	ppb
Cadmium	106-1	3.68	1.30	1.34	2.11	64.55	ppb
Cadmium	111-1	0.51	0.41	0.40	0.44	14.07	ppb
Calcium	43-1	63675.13	67274.39	56938.34	62629.29	8.38	ppb
Calcium	44-1	65228.94	69174.04	58088.81	64163.93	8.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.55	5.22	5.33	5.37	3.19	ppb
Cobalt	59-2	44.58	43.68	42.56	43.61	2.32	ppb
Copper	63-2	131.48	127.74	126.93	128.72	1.88	ppb
Dysprosium	156-1						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				92		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	54-2	87727.16	85538.02	84901.77	86055.65	1.72	ppb
Iron	56-2	87748.87	84502.76	83738.07	85329.90	2.50	ppb
Iron	57-2	82460.03	80282.18	78823.80	80522.00	2.27	ppb
Krypton	83-1						cps
Lead	206-1	53.75	56.14	48.95	52.95	6.91	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	51.55	53.48	46.20	50.41	7.49	ppb
Lead	208-1	52.52	54.67	47.76	51.65	6.85	ppb
Lithium	6-1				73		%
Magnesium	24-2	19599.20	19062.47	18944.35	19202.01	1.82	ppb
Manganese	55-2	1181.83	1147.49	1130.81	1153.38	2.26	ppb
Molybdenum	94-1	20.20	21.46	18.45	20.04	7.53	ppb
Molybdenum	95-1	4.47	4.42	3.78	4.22	9.13	ppb
Molybdenum	96-1	6.10	6.67	5.81	6.19	7.03	ppb
Molybdenum	97-1	4.47	4.41	3.84	4.24	8.18	ppb
Molybdenum	98-1	4.20	4.42	3.84	4.15	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.70	174.09	171.08	173.96	1.62	ppb
Phosphorus	31-2	1542.48	1500.39	1524.14	1522.34	1.39	ppb
Potassium	39-2	1923.59	1863.45	1836.78	1874.61	2.37	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	4.81	5.98	4.16	4.98	18.47	ppb
Selenium	77-2	8.95	26.79	13.34	16.36	56.81	ppb
Selenium	78-2	3.42	7.22	5.92	5.52	35.01	ppb
Silicon	28-1	83.96	86.42	72.95	81.11	8.84	ppb
Silver	107-1	2.24	2.34	1.94	2.17	9.59	ppb
Silver	109-1	2.29	2.45	2.03	2.26	9.34	ppb
Sodium	23-2	379.34	373.92	372.40	375.22	0.97	ppb
Strontium	86-1	18021.35	19120.88	16470.25	17870.83	7.45	ppb
Strontium	88-1	17970.28	19182.60	16543.36	17898.75	7.38	ppb
Sulfur	34-1	34810.49	37051.13	30321.04	34060.89	10.06	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	0.09	0.12	0.08	0.09	20.10	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	6.09	ppb
Tin	118-1	0.32	0.35	0.32	0.33	4.51	ppb
Titanium	47-1	8.56	8.71	7.34	8.20	9.16	ppb
Uranium	238-1	1.01	1.05	0.88	0.98	9.02	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.98	6.17	6.18	6.11	1.82	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	128.41	124.25	125.74	126.13	1.67	ppb
Zirconium	90-1	8.85	9.56	8.11	8.84	8.18	ppb
Zirconium	91-1	8.98	9.68	8.05	8.90	9.14	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12536.47	12968.34	13099.63	12868.15	2.29	ppb
Antimony	121-1	1.48	1.42	1.54	1.48	4.18	ppb
Arsenic	75-2	9.90	11.11	9.50	10.17	8.24	ppb
Barium	135-1	46.13	46.25	46.99	46.46	1.01	ppb
Barium	137-1	45.85	47.25	47.66	46.92	2.02	ppb
Beryllium	9-1	0.31	0.35	0.30	0.32	8.17	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	0.98	0.66	0.82	0.82	19.51	ppb
Cadmium	106-1	-0.60	-0.15	0.74	0.00		ppb
Cadmium	111-1	0.04	0.13	0.19	0.12	65.16	ppb
Calcium	43-1	1922.91	1903.15	1945.20	1923.75	1.09	ppb
Calcium	44-1	1918.20	1901.02	1919.42	1912.88	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.84	7.14	6.99	6.99	2.14	ppb
Cobalt	59-2	11.18	11.20	11.84	11.41	3.27	ppb
Copper	63-2	68.16	70.92	70.18	69.75	2.04	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				95		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	54-2	24426.67	25051.79	25230.22	24902.89	1.69	ppb
Iron	56-2	25789.92	26508.56	26665.96	26321.48	1.77	ppb
Iron	57-2	24194.44	24813.13	25214.50	24740.69	2.08	ppb
Krypton	83-1						cps
Lead	206-1	21.56	21.55	21.93	21.68	0.99	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	20.58	20.36	20.53	20.49	0.56	ppb
Lead	208-1	20.93	20.78	21.12	20.94	0.80	ppb
Lithium	6-1				72		%
Magnesium	24-2	9316.05	9766.56	9715.16	9599.26	2.57	ppb
Manganese	55-2	99.65	100.52	101.86	100.68	1.11	ppb
Molybdenum	94-1	12.88	12.62	12.80	12.77	1.05	ppb
Molybdenum	95-1	4.20	4.17	4.19	4.19	0.48	ppb
Molybdenum	96-1	5.11	5.03	5.25	5.13	2.17	ppb
Molybdenum	97-1	4.10	4.16	4.43	4.23	4.14	ppb
Molybdenum	98-1	4.12	4.26	4.14	4.18	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.63	28.06	29.25	28.64	2.08	ppb
Phosphorus	31-2	513.94	652.27	553.15	573.12	12.44	ppb
Potassium	39-2	1213.00	1219.70	1252.23	1228.31	1.71	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	1.74	1.98	1.71	1.81	8.12	ppb
Selenium	77-2	14.23	23.49	9.38	15.70	45.68	ppb
Selenium	78-2	4.99	4.94	2.27	4.07	38.33	ppb
Silicon	28-1	100.35	98.02	97.46	98.61	1.55	ppb
Silver	107-1	0.16	0.12	0.14	0.14	13.32	ppb
Silver	109-1	0.15	0.17	0.14	0.15	9.09	ppb
Sodium	23-2	329.02	358.71	356.24	347.99	4.74	ppb
Strontium	86-1	365.67	373.46	376.77	371.97	1.53	ppb
Strontium	88-1	355.15	356.21	358.93	356.76	0.55	ppb
Sulfur	34-1	1523.33	1456.15	1455.95	1478.47	2.63	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	0.06	0.05	0.05	0.05	13.73	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	6.89	ppb
Tin	118-1	0.37	0.40	0.37	0.38	5.08	ppb
Titanium	47-1	12.49	12.10	11.62	12.07	3.62	ppb
Uranium	238-1	0.66	0.65	0.68	0.67	1.80	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.82	4.53	4.76	4.70	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	129.89	131.38	136.20	132.49	2.49	ppb
Zirconium	90-1	5.02	4.94	5.08	5.01	1.36	ppb
Zirconium	91-1	4.93	5.12	5.12	5.05	2.20	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16670.08	17071.92	17186.86	16976.29	1.60	ppb
Antimony	121-1	0.91	1.00	0.99	0.97	4.84	ppb
Arsenic	75-2	12.07	13.45	12.40	12.64	5.70	ppb
Barium	135-1	456.76	456.52	459.01	457.43	0.30	ppb
Barium	137-1	466.97	458.54	466.77	464.10	1.04	ppb
Beryllium	9-1	5.00	5.04	5.23	5.09	2.40	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	8.06	8.58	7.88	8.17	4.48	ppb
Cadmium	106-1	8.88	6.74	6.99	7.53	15.55	ppb
Cadmium	111-1	7.60	7.10	7.03	7.24	4.29	ppb
Calcium	43-1	139239.91	142023.70	144096.25	141786.62	1.72	ppb
Calcium	44-1	137311.26	139318.98	140543.94	139058.06	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.33	54.96	56.02	55.10	1.56	ppb
Cobalt	59-2	8.59	8.58	9.10	8.75	3.44	ppb
Copper	63-2	175.12	180.31	180.56	178.66	1.72	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				92		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	54-2	17443.45	17775.31	17867.41	17695.39	1.26	ppb
Iron	56-2	18395.66	18581.70	18868.07	18615.14	1.28	ppb
Iron	57-2	17343.10	17502.48	17738.09	17527.89	1.13	ppb
Krypton	83-1						cps
Lead	206-1	701.81	690.81	686.92	693.18	1.11	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	632.33	680.58	660.57	657.82	3.68	ppb
Lead	208-1	673.56	681.41	677.81	677.59	0.58	ppb
Lithium	6-1				70		%
Magnesium	24-2	10996.99	11188.83	11199.30	11128.37	1.02	ppb
Manganese	55-2	4807.63	4934.57	4953.36	4898.52	1.62	ppb
Molybdenum	94-1	9.40	9.89	9.88	9.73	2.86	ppb
Molybdenum	95-1	1.47	1.38	1.42	1.42	3.01	ppb
Molybdenum	96-1	2.25	2.25	2.31	2.27	1.54	ppb
Molybdenum	97-1	1.41	1.33	1.41	1.38	3.11	ppb
Molybdenum	98-1	1.32	1.38	1.33	1.35	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.39	34.74	33.87	34.00	2.01	ppb
Phosphorus	31-2	1522.20	1438.13	1482.67	1481.00	2.84	ppb
Potassium	39-2	5394.66	5467.56	5539.97	5467.40	1.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	2.02	1.57	0.96	1.51	35.10	ppb
Selenium	77-2	50.04	13.66	27.30	30.33	60.60	ppb
Selenium	78-2	7.36	4.78	8.65	6.93	28.49	ppb
Silicon	28-1	617.39	630.57	629.22	625.73	1.16	ppb
Silver	107-1	2.94	2.99	2.99	2.97	1.02	ppb
Silver	109-1	2.96	2.85	3.01	2.94	2.70	ppb
Sodium	23-2	1134.99	1162.65	1146.99	1148.21	1.21	ppb
Strontium	86-1	13184.68	13511.63	13438.06	13378.13	1.28	ppb
Strontium	88-1	13273.43	13408.81	13517.57	13399.94	0.91	ppb
Sulfur	34-1	1098.15	1176.43	1333.05	1202.54	9.95	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.22	0.20	0.23	0.22	7.60	ppb
Thallium	205-1	0.23	0.22	0.23	0.23	3.87	ppb
Tin	118-1	8.31	8.35	8.27	8.31	0.48	ppb
Titanium	47-1	329.43	340.08	341.16	336.89	1.92	ppb
Uranium	238-1	4.54	4.40	4.43	4.46	1.70	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	35.28	35.12	35.71	35.37	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	2056.73	2110.96	2106.56	2091.42	1.44	ppb
Zirconium	90-1	4.51	4.51	4.56	4.53	0.55	ppb
Zirconium	91-1	4.46	4.46	4.50	4.47	0.57	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46656.15	47815.13	47815.22	47428.84	1.41	ppb
Antimony	121-1	491.74	475.71	486.44	484.63	1.69	ppb
Arsenic	75-2	482.03	482.19	475.66	479.96	0.78	ppb
Barium	135-1	2493.11	2459.26	2497.78	2483.38	0.85	ppb
Barium	137-1	2451.42	2465.38	2460.61	2459.13	0.29	ppb
Beryllium	9-1	540.23	543.39	541.49	541.70	0.29	ppb
Bismuth	209-1				79		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	462.11	467.66	472.59	467.45	1.12	ppb
Cadmium	106-1	469.70	471.56	472.25	471.17	0.28	ppb
Cadmium	111-1	473.31	473.76	472.52	473.20	0.13	ppb
Calcium	43-1	243784.60	248438.31	251062.91	247761.94	1.49	ppb
Calcium	44-1	240896.76	242861.12	242584.76	242114.21	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.44	498.90	496.78	494.37	1.23	ppb
Cobalt	59-2	489.50	497.28	497.45	494.74	0.92	ppb
Copper	63-2	4937.37	4997.54	4984.14	4973.02	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				83		%
Indium	115-1				80		%
Indium	115-2				75		%
Iron	54-2	124783.42	126861.04	126645.40	126096.62	0.91	ppb
Iron	56-2	123287.56	124872.14	125551.08	124570.26	0.93	ppb
Iron	57-2	115806.32	117957.32	117876.23	117213.29	1.04	ppb
Krypton	83-1						cps
Lead	206-1	2580.34	2523.97	2490.52	2531.61	1.79	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2563.80	2544.09	2530.01	2545.97	0.67	ppb
Lead	208-1	2563.57	2519.49	2500.46	2527.84	1.28	ppb
Lithium	6-1				61		%
Magnesium	24-2	234836.01	240838.58	240273.12	238649.23	1.39	ppb
Manganese	55-2	4607.17	4715.12	4719.64	4680.64	1.36	ppb
Molybdenum	94-1	5091.12	5108.82	5002.06	5067.33	1.13	ppb
Molybdenum	95-1	5142.35	5088.49	5057.71	5096.18	0.84	ppb
Molybdenum	96-1	5064.76	5089.56	5027.84	5060.72	0.61	ppb
Molybdenum	97-1	5207.77	5090.08	5147.97	5148.61	1.14	ppb
Molybdenum	98-1	5123.50	5125.16	5020.12	5089.59	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.63	480.65	483.78	480.35	0.75	ppb
Phosphorus	31-2	9689.93	9985.41	9577.13	9750.82	2.16	ppb
Potassium	39-2	118054.39	121826.57	118657.90	119512.95	1.70	ppb
Rhodium	103-1				77		%
Rhodium	103-2				74		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	82-1	487.12	498.87	484.39	490.13	1.57	ppb
Selenium	77-2	472.30	561.29	490.72	508.10	9.24	ppb
Selenium	78-2	424.94	546.57	478.67	483.39	12.61	ppb
Silicon	28-1	499.59	503.13	504.33	502.35	0.49	ppb
Silver	107-1	479.97	486.52	485.37	483.95	0.72	ppb
Silver	109-1	491.32	479.05	489.30	486.56	1.35	ppb
Sodium	23-2	235844.63	241893.98	240877.01	239538.54	1.35	ppb
Strontium	86-1	12613.07	12650.51	12454.69	12572.76	0.83	ppb
Strontium	88-1	12696.59	12459.24	12424.51	12526.78	1.18	ppb
Sulfur	34-1	9765.19	9801.68	9639.93	9735.60	0.87	ppb
Terbium	159-1				86		%
Terbium	159-2				82		%
Thallium	203-1	483.19	475.64	471.70	476.84	1.22	ppb
Thallium	205-1	519.57	508.05	503.83	510.48	1.60	ppb
Tin	118-1	460.24	461.11	464.18	461.84	0.45	ppb
Titanium	47-1	5163.18	5082.07	5093.11	5112.79	0.86	ppb
Uranium	238-1	529.58	520.66	524.09	524.78	0.86	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	489.10	496.97	500.93	495.67	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				81		%
Yttrium	89-2				78		%
Zinc	66-2	4754.05	4852.46	4823.36	4809.96	1.05	ppb
Zirconium	90-1	515.86	508.49	507.61	510.65	0.89	ppb
Zirconium	91-1	489.12	490.66	487.00	488.93	0.38	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	2.74	0.98	1.49	72.77	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	10.85	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.38	0.29	0.16	0.28	40.50	ppb
Barium	137-1	0.35	0.26	0.24	0.28	20.51	ppb
Beryllium	9-1	0.23	0.19	0.21	0.21	9.67	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	-0.10	-0.10	-0.21	-0.14		ppb
Cadmium	106-1	-1.16	-1.12	-1.99	-1.43		ppb
Cadmium	111-1	-0.04	-0.08	-0.12	-0.08		ppb
Calcium	43-1	19.52	3.72	7.12	10.12	82.16	ppb
Calcium	44-1	15.63	4.44	6.71	8.93	66.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.12	-0.09	-0.07		ppb
Cobalt	59-2	-0.01	0.01	0.04	0.01	183.76	ppb
Copper	63-2	0.43	0.35	0.34	0.37	13.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				82		%
Iron	54-2	7.06	4.10	7.85	6.34	31.19	ppb
Iron	56-2	7.08	4.86	5.20	5.72	20.88	ppb
Iron	57-2	10.51	4.73	3.51	6.25	59.80	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.12	0.11	0.16	51.50	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.17	0.19	0.20	22.08	ppb
Lead	208-1	0.24	0.16	0.16	0.18	25.04	ppb
Lithium	6-1				63		%
Magnesium	24-2	9.99	9.04	10.38	9.80	7.02	ppb
Manganese	55-2	0.16	0.15	0.04	0.12	59.44	ppb
Molybdenum	94-1	0.41	0.26	0.16	0.28	46.79	ppb
Molybdenum	95-1	0.32	0.18	0.22	0.24	28.56	ppb
Molybdenum	96-1	0.30	0.23	0.18	0.23	26.30	ppb
Molybdenum	97-1	0.32	0.15	0.17	0.21	42.39	ppb
Molybdenum	98-1	0.37	0.23	0.15	0.25	43.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.33	0.10	0.28	58.17	ppb
Phosphorus	31-2	-30.00	-47.36	-47.36	-41.58		ppb
Potassium	39-2	73.54	39.59	50.09	54.41	31.94	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				76		%
Scandium	45-2				75		%
Selenium	82-1	0.31	-0.15	-0.37	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	-0.40	-0.40	-0.40		ppb
Silicon	28-1	0.17	0.02	0.11	0.10	72.45	ppb
Silver	107-1	0.08	0.06	0.06	0.07	21.61	ppb
Silver	109-1	0.08	0.06	0.06	0.07	22.38	ppb
Sodium	23-2	192.69	145.86	148.73	162.43	16.16	ppb
Strontium	86-1	0.75	-0.34	-0.45	-0.01		ppb
Strontium	88-1	0.55	0.03	0.17	0.25	105.88	ppb
Sulfur	34-1	-278.78	-498.40	-300.51	-359.23		ppb
Terbium	159-1				86		%
Terbium	159-2				84		%
Thallium	203-1	0.07	0.05	0.06	0.06	22.65	ppb
Thallium	205-1	0.08	0.05	0.05	0.06	25.02	ppb
Tin	118-1	0.05	0.04	0.05	0.05	16.10	ppb
Titanium	47-1	0.23	0.14	0.07	0.15	56.82	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	50.85	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.03	0.02	0.03	34.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				80		%
Zinc	66-2	0.29	0.64	0.70	0.54	40.57	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	31.11	ppb
Zirconium	91-1	0.03	0.02	0.00	0.01	129.69	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13278.38	12777.15	12688.56	12914.70	2.46	ppb
Antimony	121-1	12.66	13.04	12.59	12.76	1.87	ppb
Arsenic	75-2	157.20	151.40	158.54	155.71	2.44	ppb
Barium	135-1	1202.75	1224.21	1204.81	1210.59	0.98	ppb
Barium	137-1	1276.28	1311.24	1279.93	1289.15	1.49	ppb
Beryllium	9-1	2.24	2.24	2.07	2.18	4.41	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	11.49	12.65	11.49	11.88	5.62	ppb
Cadmium	106-1	11.77	13.84	11.56	12.39	10.16	ppb
Cadmium	111-1	9.83	9.94	9.25	9.67	3.82	ppb
Calcium	43-1	79578.41	82151.68	82310.08	81346.72	1.89	ppb
Calcium	44-1	81256.99	83612.25	83356.90	82742.05	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	199.29	195.87	194.41	196.52	1.27	ppb
Cobalt	59-2	16.47	15.73	15.37	15.86	3.56	ppb
Copper	63-2	1063.82	1048.55	1039.65	1050.67	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				83		%
Indium	115-1				79		%
Indium	115-2				78		%
Iron	54-2	68572.66	67767.33	71288.23	69209.41	2.67	ppb
Iron	56-2	72671.81	70286.57	69967.55	70975.31	2.08	ppb
Iron	57-2	68544.62	67041.09	66361.17	67315.62	1.66	ppb
Krypton	83-1						cps
Lead	206-1	3425.62	3388.58	3410.84	3408.34	0.55	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3304.66	3271.21	3225.02	3266.97	1.22	ppb
Lead	208-1	3334.57	3317.99	3292.12	3314.89	0.65	ppb
Lithium	6-1				60		%
Magnesium	24-2	12659.28	12335.66	12173.86	12389.60	1.99	ppb
Manganese	55-2	5869.35	5718.28	5684.65	5757.43	1.71	ppb
Molybdenum	94-1	20.06	20.16	19.62	19.95	1.44	ppb
Molybdenum	95-1	10.99	10.98	11.03	11.00	0.25	ppb
Molybdenum	96-1	11.81	11.90	11.82	11.84	0.41	ppb
Molybdenum	97-1	11.06	11.01	11.01	11.03	0.27	ppb
Molybdenum	98-1	10.29	10.65	10.68	10.54	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.00	63.37	63.94	64.10	1.29	ppb
Phosphorus	31-2	2337.15	1990.42	2079.31	2135.63	8.43	ppb
Potassium	39-2	3665.69	3545.16	3504.74	3571.86	2.34	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				72		%
Scandium	45-2				73		%
Selenium	82-1	0.54	0.99	1.59	1.04	50.37	ppb
Selenium	77-2	20.66	35.88	15.28	23.94	44.63	ppb
Selenium	78-2	5.47	8.34	1.05	4.96	74.17	ppb
Silicon	28-1	328.17	340.53	336.87	335.19	1.89	ppb
Silver	107-1	16.99	17.61	17.10	17.24	1.92	ppb
Silver	109-1	17.42	17.69	17.11	17.41	1.69	ppb
Sodium	23-2	607.74	586.37	600.50	598.20	1.82	ppb
Strontium	86-1	7109.42	7038.31	7170.10	7105.95	0.93	ppb
Strontium	88-1	7167.46	7160.64	7135.37	7154.49	0.24	ppb
Sulfur	34-1	1258.59	1366.10	1309.88	1311.52	4.10	ppb
Terbium	159-1				82		%
Terbium	159-2				82		%
Thallium	203-1	0.37	0.34	0.37	0.36	5.10	ppb
Thallium	205-1	0.39	0.36	0.38	0.38	3.92	ppb
Tin	118-1	19.89	19.62	19.53	19.68	0.97	ppb
Titanium	47-1	339.35	354.64	354.12	349.37	2.49	ppb
Uranium	238-1	4.69	4.64	4.60	4.64	0.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	65.78	65.42	64.91	65.37	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				81		%
Yttrium	89-2				81		%
Zinc	66-2	7127.52	6985.55	6933.74	7015.60	1.43	ppb
Zirconium	90-1	6.06	5.90	5.87	5.94	1.65	ppb
Zirconium	91-1	6.01	6.16	6.09	6.09	1.21	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27006.73	26976.07	26967.64	26983.48	0.08	ppb
Antimony	121-1	10.14	10.04	9.79	9.99	1.81	ppb
Arsenic	75-2	158.12	152.53	150.41	153.69	2.59	ppb
Barium	135-1	1784.06	1764.72	1765.47	1771.42	0.62	ppb
Barium	137-1	1907.18	1844.31	1900.90	1884.13	1.84	ppb
Beryllium	9-1	5.05	4.86	5.12	5.01	2.72	ppb
Bismuth	209-1				77		%
Bismuth	209-2				75		%
Bromine	81-1						cps
Cadmium	108-1	9.20	11.33	12.34	10.96	14.65	ppb
Cadmium	106-1	9.31	12.06	9.25	10.21	15.71	ppb
Cadmium	111-1	9.81	9.65	9.71	9.72	0.79	ppb
Calcium	43-1	97501.56	100416.18	102452.24	100123.33	2.49	ppb
Calcium	44-1	99257.39	101795.01	104584.76	101879.05	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.54	43.67	44.52	43.91	1.22	ppb
Cobalt	59-2	23.81	24.00	23.67	23.83	0.71	ppb
Copper	63-2	1110.54	1113.93	1116.29	1113.58	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				77		%
Indium	115-1				77		%
Indium	115-2				73		%
Iron	54-2	60762.21	60298.77	61345.02	60802.00	0.86	ppb
Iron	56-2	63644.58	63404.54	63602.80	63550.64	0.20	ppb
Iron	57-2	60142.09	59775.35	60694.08	60203.84	0.77	ppb
Krypton	83-1						cps
Lead	206-1	4655.39	4726.28	4718.35	4700.01	0.83	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4559.80	4486.41	4644.83	4563.68	1.74	ppb
Lead	208-1	4595.62	4544.55	4673.04	4604.40	1.41	ppb
Lithium	6-1				59		%
Magnesium	24-2	7310.18	7341.07	7440.04	7363.76	0.92	ppb
Manganese	55-2	4571.64	4565.42	4611.54	4582.86	0.55	ppb
Molybdenum	94-1	20.73	20.87	21.07	20.89	0.83	ppb
Molybdenum	95-1	10.27	10.30	9.89	10.15	2.24	ppb
Molybdenum	96-1	11.47	11.41	11.34	11.40	0.56	ppb
Molybdenum	97-1	10.17	10.19	10.29	10.22	0.62	ppb
Molybdenum	98-1	10.26	9.91	9.83	10.00	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.84	68.83	70.56	69.41	1.43	ppb
Phosphorus	31-2	2387.39	2561.23	2295.07	2414.56	5.60	ppb
Potassium	39-2	3447.56	3443.98	3456.38	3449.30	0.19	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				72		%
Scandium	45-2				70		%
Selenium	82-1	2.62	1.58	2.17	2.12	24.45	ppb
Selenium	77-2	26.62	21.13	36.94	28.23	28.44	ppb
Selenium	78-2	5.65	4.11	13.10	7.62	63.12	ppb
Silicon	28-1	228.00	233.53	237.02	232.85	1.95	ppb
Silver	107-1	18.35	17.81	18.15	18.10	1.51	ppb
Silver	109-1	18.26	18.16	18.37	18.26	0.58	ppb
Sodium	23-2	1399.88	1395.56	1406.88	1400.77	0.41	ppb
Strontium	86-1	13823.50	13851.68	13706.61	13793.93	0.56	ppb
Strontium	88-1	13817.94	13935.69	13735.12	13829.59	0.73	ppb
Sulfur	34-1	814.32	1081.45	1234.46	1043.41	20.38	ppb
Terbium	159-1				81		%
Terbium	159-2				76		%
Thallium	203-1	0.61	0.63	0.70	0.65	7.23	ppb
Thallium	205-1	0.64	0.62	0.66	0.64	2.89	ppb
Tin	118-1	28.16	28.17	27.29	27.87	1.83	ppb
Titanium	47-1	634.90	645.38	662.63	647.64	2.16	ppb
Uranium	238-1	8.98	8.81	9.01	8.94	1.20	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	84.03	83.90	85.19	84.37	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				82		%
Yttrium	89-2				79		%
Zinc	66-2	6700.87	6746.67	6758.83	6735.46	0.45	ppb
Zirconium	90-1	6.72	6.90	6.90	6.84	1.54	ppb
Zirconium	91-1	7.15	7.07	7.00	7.07	1.02	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48968.93	48367.67	47609.81	48315.47	1.41	ppb
Antimony	121-1	459.71	464.61	453.76	459.36	1.18	ppb
Arsenic	75-2	467.77	474.58	481.22	474.52	1.42	ppb
Barium	135-1	2480.54	2503.45	2429.49	2471.16	1.53	ppb
Barium	137-1	2513.24	2511.13	2506.06	2510.15	0.15	ppb
Beryllium	9-1	559.65	555.38	552.56	555.86	0.64	ppb
Bismuth	209-1				65		%
Bismuth	209-2				67		%
Bromine	81-1						cps
Cadmium	108-1	477.40	471.13	466.53	471.68	1.16	ppb
Cadmium	106-1	485.27	483.31	473.90	480.82	1.26	ppb
Cadmium	111-1	476.02	479.88	471.54	475.81	0.88	ppb
Calcium	43-1	257984.50	249698.07	251482.96	253055.18	1.72	ppb
Calcium	44-1	248281.05	247583.88	246413.52	247426.15	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.48	500.20	496.94	501.21	0.97	ppb
Cobalt	59-2	504.83	498.10	494.67	499.20	1.04	ppb
Copper	63-2	5072.60	4999.43	4958.29	5010.11	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				70		%
Holmium	165-2				73		%
Indium	115-1				65		%
Indium	115-2				65		%
Iron	54-2	126458.00	126482.91	124186.48	125709.13	1.05	ppb
Iron	56-2	126620.64	125796.36	125438.44	125951.81	0.48	ppb
Iron	57-2	120426.63	119170.03	118155.03	119250.56	0.95	ppb
Krypton	83-1						cps
Lead	206-1	2614.62	2608.81	2560.15	2594.53	1.15	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2639.76	2634.50	2561.47	2611.91	1.68	ppb
Lead	208-1	2600.03	2606.04	2544.95	2583.67	1.30	ppb
Lithium	6-1				50		%
Magnesium	24-2	238918.75	237111.27	231880.31	235970.11	1.55	ppb
Manganese	55-2	4819.62	4779.98	4757.73	4785.78	0.66	ppb
Molybdenum	94-1	5299.47	5227.19	5294.68	5273.78	0.77	ppb
Molybdenum	95-1	5248.01	5172.38	5264.45	5228.28	0.94	ppb
Molybdenum	96-1	5199.78	5219.94	5248.99	5222.91	0.47	ppb
Molybdenum	97-1	5303.46	5312.21	5298.98	5304.88	0.13	ppb
Molybdenum	98-1	5224.59	5170.72	5219.21	5204.84	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.13	483.91	482.59	486.54	1.18	ppb
Phosphorus	31-2	9725.44	9646.93	9822.77	9731.71	0.91	ppb
Potassium	39-2	121751.73	119432.92	119076.54	120087.06	1.21	ppb
Rhodium	103-1				62		%
Rhodium	103-2				63		%
Scandium	45-1				61		%
Scandium	45-2				62		%
Selenium	82-1	494.52	497.28	499.79	497.20	0.53	ppb
Selenium	77-2	535.81	493.46	445.22	491.50	9.22	ppb
Selenium	78-2	468.87	422.11	456.56	449.18	5.40	ppb
Silicon	28-1	512.52	501.12	505.29	506.31	1.14	ppb
Silver	107-1	455.69	491.43	451.96	466.36	4.67	ppb
Silver	109-1	463.22	464.78	458.55	462.18	0.70	ppb
Sodium	23-2	242345.07	235671.38	238054.04	238690.17	1.42	ppb
Strontium	86-1	12784.83	12927.79	12834.87	12849.16	0.56	ppb
Strontium	88-1	12903.94	12739.70	12783.04	12808.89	0.66	ppb
Sulfur	34-1	10199.65	9607.02	9786.17	9864.28	3.08	ppb
Terbium	159-1				72		%
Terbium	159-2				72		%
Thallium	203-1	492.40	494.59	487.86	491.61	0.70	ppb
Thallium	205-1	525.63	529.29	526.16	527.02	0.38	ppb
Tin	118-1	467.51	468.99	461.81	466.10	0.81	ppb
Titanium	47-1	5163.54	5198.47	5145.61	5169.21	0.52	ppb
Uranium	238-1	542.17	550.60	537.44	543.40	1.23	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	506.82	507.67	497.62	504.04	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				65		%
Yttrium	89-2				67		%
Zinc	66-2	4971.85	4936.31	4864.67	4924.28	1.11	ppb
Zirconium	90-1	524.75	520.86	521.48	522.37	0.40	ppb
Zirconium	91-1	504.25	504.71	505.22	504.73	0.10	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	1.14	3.25	1.58	94.14	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	13.76	ppb
Arsenic	75-2	0.07	0.07	0.00	0.04	86.61	ppb
Barium	135-1	0.18	0.15	0.16	0.16	11.00	ppb
Barium	137-1	0.16	0.20	0.14	0.16	18.30	ppb
Beryllium	9-1	0.20	0.13	0.09	0.14	41.49	ppb
Bismuth	209-1				77		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	-0.15	-0.09	-0.09	-0.11		ppb
Cadmium	106-1	-0.56	-1.87	0.26	-0.72		ppb
Cadmium	111-1	-0.01	-0.10	0.04	-0.02		ppb
Calcium	43-1	3.58	0.85	3.82	2.75	60.05	ppb
Calcium	44-1	4.95	2.76	3.29	3.67	31.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.11	-0.05	-0.07		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	166.32	ppb
Copper	63-2	0.05	0.01	0.12	0.06	97.84	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				77		%
Holmium	165-2				79		%
Indium	115-1				77		%
Indium	115-2				76		%
Iron	54-2	3.73	3.81	3.17	3.57	9.87	ppb
Iron	56-2	3.16	2.71	2.50	2.79	12.10	ppb
Iron	57-2	4.44	6.10	1.68	4.07	54.86	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.11	0.14	16.96	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.18	0.16	0.17	0.17	4.84	ppb
Lead	208-1	0.15	0.16	0.13	0.15	9.49	ppb
Lithium	6-1				55		%
Magnesium	24-2	9.47	4.24	5.34	6.35	43.44	ppb
Manganese	55-2	-0.31	-0.32	-0.21	-0.28		ppb
Molybdenum	94-1	0.19	0.17	0.21	0.19	13.02	ppb
Molybdenum	95-1	0.19	0.17	0.16	0.17	9.30	ppb
Molybdenum	96-1	0.19	0.16	0.19	0.18	11.46	ppb
Molybdenum	97-1	0.23	0.22	0.22	0.22	3.07	ppb
Molybdenum	98-1	0.23	0.17	0.20	0.20	14.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.29	0.24	17.52	ppb
Phosphorus	31-2	-38.57	-38.79	-38.58	-38.65		ppb
Potassium	39-2	66.09	54.75	64.21	61.68	9.85	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				67		%
Scandium	45-2				68		%
Selenium	82-1	0.58	-0.69	0.40	0.10	719.91	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	-0.40	1.19	0.13	697.23	ppb
Silicon	28-1	0.23	0.00	0.01	0.08	154.96	ppb
Silver	107-1	0.05	0.05	0.04	0.04	11.79	ppb
Silver	109-1	0.45	0.03	0.05	0.17	137.72	ppb
Sodium	23-2	171.02	166.63	150.53	162.73	6.63	ppb
Strontium	86-1	0.24	-0.21	-0.24	-0.07		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	1.06	ppb
Sulfur	34-1	-53.42	-364.99	-325.67	-248.03		ppb
Terbium	159-1				78		%
Terbium	159-2				79		%
Thallium	203-1	0.03	0.03	0.01	0.02	43.15	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	21.88	ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.03	0.07	0.22	0.11	93.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.77	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	-0.01	0.02	0.01	131.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				73		%
Yttrium	89-2				75		%
Zinc	66-2	0.21	0.33	0.39	0.31	30.74	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	18.04	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	58.95	ppb

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	0	7	6	91.64	cps
Antimony	121-1	37	33	43	38	13.48	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	50	43	53	49	10.42	cps
Barium	137-1	60	67	63	63	5.27	cps
Beryllium	9-1	145	109	116	123	15.51	cps
Bismuth	209-1	2911277	2946194	2899365	2918945	0.83	cps
Bismuth	209-2	1083491	1082010	1091940	1085814	0.49	cps
Bromine	81-1	1943	1837	1890	1890	2.82	cps
Cadmium	108-1	20	13	10	14	35.26	cps
Cadmium	106-1	1453	1343	1340	1379	4.68	cps
Cadmium	111-1	1017	954	948	973	3.91	cps
Calcium	43-1	167	170	217	184	15.16	cps
Calcium	44-1	1907	2104	2030	2013	4.94	cps
Carbon	12-1	785029	781585	778259	781624	0.43	cps
Carbon	12-2	4671	4547	4461	4560	2.32	cps
Chlorine	35-1	144775	145974	144237	144995	0.61	cps
Chlorine	35-2	507	557	490	518	6.70	cps
Chromium	52-2	133	227	157	172	28.20	cps
Cobalt	59-2	73	60	57	63	13.92	cps
Copper	63-2	633	767	807	736	12.34	cps
Dysprosium	156-1	227	123	183	178	29.19	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	30	33	23	29	17.63	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	13	10	23	16	44.60	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	4468726	4443454	4529113	4480431	0.98	cps
Holmium	165-2	1472372	1472383	1468485	1471080	0.15	cps
Indium	115-1	3467957	3482320	3447593	3465957	0.50	cps
Indium	115-2	317189	317290	319409	317963	0.39	cps
Iron	54-2	217	200	187	201	7.47	cps
Iron	56-2	3387	3277	3480	3382	3.01	cps
Iron	57-2	67	60	90	72	21.81	cps
Krypton	83-1	93	63	67	74	22.09	cps
Lead	206-1	397	390	383	390	1.71	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	283	350	300	311	11.15	cps
Lead	208-1	1477	1540	1610	1542	4.32	cps
Lithium	6-1	1428090	1438784	1461769	1442881	1.19	cps
Magnesium	24-2	500	540	483	508	5.74	cps
Manganese	55-2	323	347	343	338	3.74	cps
Molybdenum	94-1	90	107	80	92	14.61	cps
Molybdenum	95-1	63	70	33	56	35.16	cps
Molybdenum	96-1	87	113	107	102	13.57	cps
Molybdenum	97-1	47	43	37	42	12.06	cps
Molybdenum	98-1	83	83	73	80	7.22	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	267	260	223	250	9.33	cps
Phosphorus	31-2	13	20	0	11	91.66	cps
Potassium	39-2	3307	3480	3227	3338	3.88	cps
Rhodium	103-1	3207792	3173659	3211893	3197781	0.66	cps
Rhodium	103-2	1122792	1120539	1112937	1118756	0.46	cps
Scandium	45-1	2216432	2205302	2202257	2207997	0.34	cps
Scandium	45-2	35744	34839	34856	35146	1.47	cps
Selenium	82-1	-43	17	-10	-12	-246.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	3	0	1	173.21	cps
Silicon	28-1	118582	118514	119432	118843	0.43	cps
Silver	107-1	33	33	27	31	12.36	cps
Silver	109-1	30	7	17	18	65.83	cps
Sodium	23-2	10938	11098	11551	11195	2.84	cps
Strontium	86-1	140	130	140	137	4.22	cps
Strontium	88-1	377	363	293	344	13.00	cps
Sulfur	34-1	110299	108892	109339	109510	0.66	cps
Terbium	159-1	4584849	4528819	4523488	4545719	0.75	cps
Terbium	159-2	1416943	1415673	1417435	1416684	0.06	cps
Thallium	203-1	123	140	167	143	15.25	cps
Thallium	205-1	313	343	323	327	4.68	cps
Tin	118-1	393	343	417	384	9.75	cps
Titanium	47-1	40	67	30	46	41.61	cps
Uranium	238-1	30	7	13	17	72.11	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:40:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	10	0	3	173.21	cps
Ytterbium	172-1	20	23	37	27	33.08	cps
Ytterbium	172-2	13	3	7	8	65.47	cps
Ytterbium	176-1	493	477	497	489	2.19	cps
Ytterbium	176-2	43	103	53	67	48.22	cps
Yttrium	89-1	5814004	5987207	6046104	5949105	2.03	cps
Yttrium	89-2	374353	369632	372770	372251	0.65	cps
Zinc	66-2	67	57	33	52	32.76	cps
Zirconium	90-1	220	177	167	188	15.10	cps
Zirconium	91-1	57	40	60	52	20.52	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247	283	273	268	7.08	cps
Antimony	121-1	7606	8036	7919	7853	2.83	cps
Arsenic	75-2	53	63	63	60	9.62	cps
Barium	135-1	9483	10164	9674	9774	3.59	cps
Barium	137-1	17625	17114	16821	17187	2.37	cps
Beryllium	9-1	1177	1209	1260	1215	3.43	cps
Bismuth	209-1	2867918	2953367	2944474	2921919	1.61	cps
Bismuth	209-2	1044164	1084151	1155901	1094738	5.17	cps
Bromine	81-1	2004	1860	2007	1957	4.28	cps
Cadmium	108-1	120	67	73	87	33.53	cps
Cadmium	106-1	1363	1580	1480	1475	7.35	cps
Cadmium	111-1	1744	1973	2068	1928	8.65	cps
Calcium	43-1	6522	6562	6268	6450	2.47	cps
Calcium	44-1	99947	103153	102240	101780	1.62	cps
Carbon	12-1	831243	828990	823938	828057	0.45	cps
Carbon	12-2	4821	4751	4874	4815	1.29	cps
Chlorine	35-1	141358	141631	141745	141578	0.14	cps
Chlorine	35-2	563	550	597	570	4.22	cps
Chromium	52-2	1530	1540	1387	1486	5.77	cps
Cobalt	59-2	1343	1333	1270	1316	3.02	cps
Copper	63-2	2754	2767	2634	2718	2.70	cps
Dysprosium	156-1	133	147	137	139	4.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	30	20	20	23	24.74	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	20	0	3	8	137.80	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	4473170	4477082	4523677	4491310	0.63	cps
Holmium	165-2	1415490	1467351	1625002	1502614	7.26	cps
Indium	115-1	3430456	3511454	3439239	3460383	1.28	cps
Indium	115-2	302287	314737	335494	317506	5.28	cps
Iron	54-2	1630	1600	1567	1599	1.98	cps
Iron	56-2	28692	28495	28271	28486	0.74	cps
Iron	57-2	760	720	737	739	2.72	cps
Krypton	83-1	90	57	37	61	44.08	cps
Lead	206-1	3631	3547	3517	3565	1.65	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3127	2930	2964	3007	3.50	cps
Lead	208-1	14156	13893	13866	13972	1.15	cps
Lithium	6-1	1418585	1443041	1429488	1430371	0.86	cps
Magnesium	24-2	22371	23202	22123	22565	2.50	cps
Manganese	55-2	560	497	593	550	8.93	cps
Molybdenum	94-1	7619	7662	8036	7772	2.95	cps
Molybdenum	95-1	9450	9700	9623	9591	1.34	cps
Molybdenum	96-1	10701	10507	10627	10612	0.92	cps
Molybdenum	97-1	6248	5871	5745	5955	4.40	cps
Molybdenum	98-1	15295	15812	15345	15484	1.84	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	593	610	587	597	2.01	cps
Phosphorus	31-2	37	53	33	41	26.06	cps
Potassium	39-2	15692	15609	15805	15702	0.63	cps
Rhodium	103-1	3179690	3180976	3211528	3190731	0.56	cps
Rhodium	103-2	1083934	1115792	1193775	1131167	5.00	cps
Scandium	45-1	2162538	2198116	2228488	2196381	1.50	cps
Scandium	45-2	33633	34445	35945	34674	3.38	cps
Selenium	82-1	270	277	360	302	16.59	cps
Selenium	77-2	3	0	17	7	132.33	cps
Selenium	78-2	17	13	13	14	13.35	cps
Silicon	28-1	134411	133004	133570	133662	0.53	cps
Silver	107-1	4638	4577	4551	4589	0.97	cps
Silver	109-1	4321	4454	4611	4462	3.25	cps
Sodium	23-2	51413	53397	52253	52355	1.90	cps
Strontium	86-1	1403	1493	1330	1409	5.81	cps
Strontium	88-1	11872	11308	11388	11523	2.65	cps
Sulfur	34-1	108187	108489	106954	107877	0.75	cps
Terbium	159-1	4526172	4581458	4553987	4553872	0.61	cps
Terbium	159-2	1368288	1410147	1564693	1447709	7.15	cps
Thallium	203-1	3901	4204	3971	4025	3.95	cps
Thallium	205-1	9790	9974	9440	9735	2.79	cps
Tin	118-1	16303	16403	16093	16266	0.97	cps
Titanium	47-1	2864	2654	2720	2746	3.91	cps
Uranium	238-1	12223	12496	12703	12474	1.93	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:44:12 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2474	2734	2654	2620	5.08	cps
Ytterbium	172-1	7	10	23	13	66.12	cps
Ytterbium	172-2	13	13	7	11	34.61	cps
Ytterbium	176-1	427	427	493	449	8.57	cps
Ytterbium	176-2	73	87	110	90	20.62	cps
Yttrium	89-1	5811981	5985777	5887867	5895208	1.48	cps
Yttrium	89-2	357577	366868	393581	372676	5.02	cps
Zinc	66-2	600	593	587	593	1.12	cps
Zirconium	90-1	6565	6428	6818	6604	3.00	cps
Zirconium	91-1	1520	1573	1390	1495	6.31	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11932	11875	11948	11918	0.32	cps
Antimony	121-1	187973	191044	189024	189347	0.82	cps
Arsenic	75-2	3144	3150	3297	3197	2.71	cps
Barium	135-1	223134	230465	227528	227042	1.62	cps
Barium	137-1	389235	398935	395869	394680	1.26	cps
Beryllium	9-1	50928	52171	52102	51734	1.35	cps
Bismuth	209-1	2911033	3006782	3080211	2999342	2.83	cps
Bismuth	209-2	895911	1017881	1064620	992804	8.77	cps
Bromine	81-1	2077	1837	2060	1991	6.73	cps
Cadmium	108-1	3591	3477	3614	3561	2.05	cps
Cadmium	106-1	6528	6372	6535	6478	1.43	cps
Cadmium	111-1	46936	47735	46460	47044	1.37	cps
Calcium	43-1	55747	56835	57046	56543	1.23	cps
Calcium	44-1	914709	925501	927156	922455	0.73	cps
Carbon	12-1	812467	814971	813140	813526	0.16	cps
Carbon	12-2	4571	4361	4637	4523	3.19	cps
Chlorine	35-1	136618	137095	138821	137511	0.84	cps
Chlorine	35-2	530	493	517	513	3.62	cps
Chromium	52-2	32113	32260	31341	31904	1.55	cps
Cobalt	59-2	62510	61914	62285	62236	0.48	cps
Copper	63-2	479598	476704	474194	476832	0.57	cps
Dysprosium	156-1	113	167	120	133	21.79	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	20	23	37	27	33.08	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	10	13	23	16	44.60	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	4525238	4594735	4685262	4601745	1.74	cps
Holmium	165-2	1224872	1388515	1466316	1359901	9.06	cps
Indium	115-1	3497878	3548442	3635828	3560716	1.96	cps
Indium	115-2	259997	297664	309944	289201	9.00	cps
Iron	54-2	65225	64933	65107	65088	0.23	cps
Iron	56-2	1188526	1189092	1175128	1184249	0.67	cps
Iron	57-2	29507	29885	29140	29511	1.26	cps
Krypton	83-1	37	57	60	51	24.69	cps
Lead	206-1	739392	748315	752039	746582	0.87	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	643087	653259	655624	650657	1.02	cps
Lead	208-1	2948372	2998233	2995497	2980701	0.94	cps
Lithium	6-1	1429456	1444814	1485787	1453352	2.00	cps
Magnesium	24-2	205388	201603	205666	204219	1.11	cps
Manganese	55-2	133453	134661	133584	133899	0.50	cps
Molybdenum	94-1	612499	622938	623955	619797	1.02	cps
Molybdenum	95-1	872040	901050	896409	889833	1.75	cps
Molybdenum	96-1	953729	974413	973637	967259	1.21	cps
Molybdenum	97-1	542796	558679	553941	551805	1.48	cps
Molybdenum	98-1	1500501	1500145	1520029	1506891	0.76	cps
Neodymium	150-1	30	40	23	31	26.97	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	17160	17484	17377	17341	0.95	cps
Phosphorus	31-2	497	570	507	524	7.58	cps
Potassium	39-2	63743	61839	62424	62668	1.56	cps
Rhodium	103-1	3184921	3216551	3331826	3244433	2.38	cps
Rhodium	103-2	913580	1047065	1098406	1019684	9.36	cps
Scandium	45-1	2177443	2224263	2328345	2243350	3.44	cps
Scandium	45-2	28108	32868	33723	31566	9.58	cps
Selenium	82-1	2670	2770	3100	2847	7.91	cps
Selenium	77-2	57	40	57	51	18.83	cps
Selenium	78-2	120	160	157	146	15.25	cps
Silicon	28-1	2143671	2160442	2148498	2150871	0.40	cps
Silver	107-1	217152	222979	220937	220356	1.34	cps
Silver	109-1	209731	215214	212002	212316	1.30	cps
Sodium	23-2	409581	404820	407267	407223	0.58	cps
Strontium	86-1	61263	63369	62981	62538	1.79	cps
Strontium	88-1	526835	538671	535854	533787	1.16	cps
Sulfur	34-1	124082	124919	124072	124358	0.39	cps
Terbium	159-1	4571793	4652936	4838141	4687623	2.91	cps
Terbium	159-2	1174299	1340062	1398465	1304275	8.92	cps
Thallium	203-1	190841	193056	191530	191809	0.59	cps
Thallium	205-1	449779	461162	457234	456058	1.27	cps
Tin	118-1	149626	153391	152694	151904	1.32	cps
Titanium	47-1	245607	248735	247526	247289	0.64	cps
Uranium	238-1	581523	587712	586280	585172	0.55	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:47:42 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25049	24939	25122	25036	0.37	cps
Ytterbium	172-1	17	30	37	28	36.66	cps
Ytterbium	172-2	7	23	17	16	53.90	cps
Ytterbium	176-1	1153	1283	1343	1260	7.71	cps
Ytterbium	176-2	350	350	347	349	0.55	cps
Yttrium	89-1	5906337	6015167	6240097	6053867	2.81	cps
Yttrium	89-2	305214	348738	366133	340028	9.23	cps
Zinc	66-2	52296	52045	51620	51987	0.66	cps
Zirconium	90-1	308418	311804	312607	310943	0.72	cps
Zirconium	91-1	68393	68443	69619	68819	1.01	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29253	29487	29487	29409	0.46	cps
Antimony	121-1	473323	481154	480000	478159	0.88	cps
Arsenic	75-2	7776	7822	7846	7814	0.46	cps
Barium	135-1	562699	579853	578740	573764	1.67	cps
Barium	137-1	977561	1013597	1000467	997208	1.83	cps
Beryllium	9-1	127616	129315	129564	128832	0.82	cps
Bismuth	209-1	3172423	2795368	2939861	2969217	6.41	cps
Bismuth	209-2	1080539	1059184	1021325	1053683	2.85	cps
Bromine	81-1	2020	2010	1883	1971	3.87	cps
Cadmium	108-1	9003	9090	9103	9065	0.60	cps
Cadmium	106-1	13704	14011	14021	13912	1.30	cps
Cadmium	111-1	115607	118722	118326	117552	1.44	cps
Calcium	43-1	140195	143981	143608	142595	1.46	cps
Calcium	44-1	2327070	2429819	2439973	2398954	2.60	cps
Carbon	12-1	832678	731087	731416	765061	7.65	cps
Carbon	12-2	4968	5184	5078	5076	2.13	cps
Chlorine	35-1	134801	134296	136173	135090	0.72	cps
Chlorine	35-2	490	497	567	518	8.20	cps
Chromium	52-2	78487	79486	78872	78948	0.64	cps
Cobalt	59-2	154851	154457	155589	154966	0.37	cps
Copper	63-2	1174569	1174786	1181614	1176990	0.34	cps
Dysprosium	156-1	147	153	183	161	12.12	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	40	33	47	40	16.68	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	13	17	17	16	12.40	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	4945326	4359962	4600227	4635171	6.35	cps
Holmium	165-2	1487985	1460068	1421127	1456394	2.31	cps
Indium	115-1	3779162	3289302	3561912	3543459	6.93	cps
Indium	115-2	315053	307927	299983	307654	2.45	cps
Iron	54-2	161235	159283	160877	160465	0.65	cps
Iron	56-2	3062573	3081071	3072149	3071931	0.30	cps
Iron	57-2	73622	73381	73759	73587	0.26	cps
Krypton	83-1	47	87	43	59	40.95	cps
Lead	206-1	1984611	2019561	1998839	2001004	0.88	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1695991	1759052	1727779	1727607	1.83	cps
Lead	208-1	7933802	8016561	7943297	7964554	0.57	cps
Lithium	6-1	1531276	1355243	1437480	1441333	6.11	cps
Magnesium	24-2	505652	507245	505583	506160	0.19	cps
Manganese	55-2	332635	331543	331813	331997	0.17	cps
Molybdenum	94-1	1582882	1624234	1625096	1610738	1.50	cps
Molybdenum	95-1	2378667	2436985	2410762	2408805	1.21	cps
Molybdenum	96-1	2564129	2612408	2622952	2599830	1.21	cps
Molybdenum	97-1	1386177	1446985	1493672	1442278	3.74	cps
Molybdenum	98-1	3761723	3902037	3856910	3840223	1.87	cps
Neodymium	150-1	47	47	53	49	7.86	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	42433	42433	42951	42606	0.70	cps
Phosphorus	31-2	1397	1517	1397	1437	4.82	cps
Potassium	39-2	150293	150976	150785	150685	0.23	cps
Rhodium	103-1	3450177	3038398	3213927	3234167	6.39	cps
Rhodium	103-2	1104586	1091770	1055358	1083905	2.36	cps
Scandium	45-1	2374238	2096435	2251238	2240637	6.21	cps
Scandium	45-2	34886	33997	33586	34156	1.94	cps
Selenium	82-1	7072	6638	7072	6927	3.61	cps
Selenium	77-2	120	87	87	98	19.68	cps
Selenium	78-2	357	407	290	351	16.67	cps
Silicon	28-1	5182551	5273585	5260231	5238789	0.94	cps
Silver	107-1	545443	561508	562991	556647	1.75	cps
Silver	109-1	528036	534153	534475	532221	0.68	cps
Sodium	23-2	1003410	995924	994059	997798	0.50	cps
Strontium	86-1	154408	155220	157141	155590	0.90	cps
Strontium	88-1	1324316	1353350	1357442	1345036	1.34	cps
Sulfur	34-1	148380	150869	150711	149987	0.93	cps
Terbium	159-1	5013410	4351357	4693263	4686010	7.07	cps
Terbium	159-2	1409583	1399712	1355247	1388181	2.09	cps
Thallium	203-1	474985	482726	480494	479402	0.83	cps
Thallium	205-1	1129451	1159632	1148801	1145961	1.33	cps
Tin	118-1	377418	382018	382086	380507	0.70	cps
Titanium	47-1	617677	631091	628104	625624	1.13	cps
Uranium	238-1	1458407	1490526	1485236	1478056	1.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:51:07 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	61849	61555	62355	61920	0.65	cps
Ytterbium	172-1	13	20	40	24	56.78	cps
Ytterbium	172-2	17	17	13	16	12.40	cps
Ytterbium	176-1	2684	2617	2544	2615	2.68	cps
Ytterbium	176-2	773	803	793	790	1.93	cps
Yttrium	89-1	6444698	5626343	6036302	6035781	6.78	cps
Yttrium	89-2	371236	367392	355789	364806	2.20	cps
Zinc	66-2	129269	129838	129339	129482	0.24	cps
Zirconium	90-1	773415	792270	789357	785014	1.29	cps
Zirconium	91-1	171838	175597	176096	174511	1.33	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59457	58115	59799	59124	1.51	cps
Antimony	121-1	946402	957397	954365	952721	0.60	cps
Arsenic	75-2	16229	16156	15899	16095	1.08	cps
Barium	135-1	1134757	1154458	1144761	1144659	0.86	cps
Barium	137-1	2075120	2110931	2058334	2081462	1.29	cps
Beryllium	9-1	251132	253238	252847	252405	0.44	cps
Bismuth	209-1	2828770	2810398	2822125	2820431	0.33	cps
Bismuth	209-2	1062965	1058405	1054142	1058504	0.42	cps
Bromine	81-1	2047	2004	1963	2005	2.08	cps
Cadmium	108-1	17364	17735	17605	17568	1.07	cps
Cadmium	106-1	25393	26806	26131	26110	2.71	cps
Cadmium	111-1	228256	232857	232696	231270	1.13	cps
Calcium	43-1	280427	284582	284766	283258	0.87	cps
Calcium	44-1	4685678	4753321	4815745	4751581	1.37	cps
Carbon	12-1	751182	755246	760363	755597	0.61	cps
Carbon	12-2	5258	5284	5318	5287	0.57	cps
Chlorine	35-1	132913	133011	133189	133038	0.11	cps
Chlorine	35-2	570	480	520	523	8.62	cps
Chromium	52-2	157253	154847	155773	155958	0.78	cps
Cobalt	59-2	306302	305856	304449	305536	0.32	cps
Copper	63-2	2454108	2467505	2439287	2453633	0.58	cps
Dysprosium	156-1	157	160	117	144	16.69	cps
Dysprosium	156-2	17	23	13	18	28.64	cps
Erbium	164-1	40	17	43	33	43.58	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	33	17	27	26	32.81	cps
Gadolinium	160-2	17	17	0	11	86.60	cps
Holmium	165-1	4489369	4442591	4451737	4461232	0.56	cps
Holmium	165-2	1492746	1474213	1450747	1472569	1.43	cps
Indium	115-1	3346815	3397193	3402774	3382261	0.91	cps
Indium	115-2	310701	307560	305339	307867	0.88	cps
Iron	54-2	318113	318242	314349	316901	0.70	cps
Iron	56-2	6052257	6090829	6069288	6070791	0.32	cps
Iron	57-2	145402	146456	145692	145850	0.37	cps
Krypton	83-1	60	53	83	66	24.03	cps
Lead	206-1	4000886	4042337	3983850	4009024	0.75	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3474259	3489957	3418550	3460922	1.08	cps
Lead	208-1	15780121	15841346	15739113	15786860	0.33	cps
Lithium	6-1	1393565	1350298	1375317	1373060	1.58	cps
Magnesium	24-2	997678	993337	1000660	997225	0.37	cps
Manganese	55-2	658291	653556	656606	656151	0.37	cps
Molybdenum	94-1	3283983	3299027	3353376	3312129	1.10	cps
Molybdenum	95-1	4667575	4691230	4785716	4714840	1.33	cps
Molybdenum	96-1	5064697	5175928	5157850	5132825	1.16	cps
Molybdenum	97-1	2896218	2950304	2904750	2917091	1.00	cps
Molybdenum	98-1	7502795	7715815	7635060	7617890	1.41	cps
Neodymium	150-1	90	150	127	122	24.75	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	83097	84308	84867	84091	1.08	cps
Phosphorus	31-2	2640	2644	2884	2723	5.13	cps
Potassium	39-2	294160	292799	294044	293668	0.26	cps
Rhodium	103-1	3107845	3084227	3080056	3090709	0.48	cps
Rhodium	103-2	1095686	1075783	1074916	1082129	1.09	cps
Scandium	45-1	2144363	2106750	2169949	2140354	1.49	cps
Scandium	45-2	34906	34685	34157	34583	1.11	cps
Selenium	82-1	13537	13653	14134	13775	2.30	cps
Selenium	77-2	147	180	187	171	12.52	cps
Selenium	78-2	713	650	637	667	6.14	cps
Silicon	28-1	10132063	10125422	10175258	10144247	0.27	cps
Silver	107-1	1080915	1105958	1104631	1097168	1.28	cps
Silver	109-1	1036324	1057779	1058422	1050841	1.20	cps
Sodium	23-2	2101857	2091766	2102364	2098662	0.28	cps
Strontium	86-1	306386	312515	311333	310078	1.05	cps
Strontium	88-1	2842288	2834929	2878284	2851834	0.81	cps
Sulfur	34-1	187766	189924	191991	189893	1.11	cps
Terbium	159-1	4545592	4494622	4535764	4525326	0.60	cps
Terbium	159-2	1429296	1411540	1397481	1412772	1.13	cps
Thallium	203-1	946163	954738	961015	953972	0.78	cps
Thallium	205-1	2403165	2417860	2427581	2416202	0.51	cps
Tin	118-1	750072	762482	764757	759103	1.04	cps
Titanium	47-1	1264893	1297834	1312650	1291792	1.89	cps
Uranium	238-1	3178395	3184378	3187190	3183321	0.14	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:54:26 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	124095	123780	123090	123655	0.42	cps
Ytterbium	172-1	73	47	30	50	43.71	cps
Ytterbium	172-2	17	10	27	18	47.19	cps
Ytterbium	176-1	4714	4774	4771	4753	0.71	cps
Ytterbium	176-2	1510	1567	1600	1559	2.92	cps
Yttrium	89-1	5857901	5793215	5886486	5845867	0.82	cps
Yttrium	89-2	373632	368438	365791	369287	1.08	cps
Zinc	66-2	255448	254420	251218	253695	0.87	cps
Zirconium	90-1	1661189	1667041	1648826	1659019	0.56	cps
Zirconium	91-1	345464	349438	350945	348616	0.81	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118091	116484	117123	117233	0.69	cps
Antimony	121-1	1974605	1984261	1968105	1975657	0.41	cps
Arsenic	75-2	32177	32294	32294	32255	0.21	cps
Barium	135-1	2344227	2425310	2411560	2393699	1.81	cps
Barium	137-1	4096425	4100440	4098308	4098391	0.05	cps
Beryllium	9-1	486369	489549	494234	490051	0.81	cps
Bismuth	209-1	2806958	2799316	2785772	2797348	0.38	cps
Bismuth	209-2	991409	996964	1017755	1002043	1.39	cps
Bromine	81-1	2027	1980	1967	1991	1.58	cps
Cadmium	108-1	34115	35021	34637	34591	1.31	cps
Cadmium	106-1	48890	50207	50676	49924	1.86	cps
Cadmium	111-1	443386	453612	448690	448563	1.14	cps
Calcium	43-1	553356	560527	562201	558695	0.84	cps
Calcium	44-1	9176522	9302682	9389126	9289443	1.15	cps
Carbon	12-1	786331	797888	820751	801657	2.19	cps
Carbon	12-2	5908	5818	5928	5885	1.00	cps
Chlorine	35-1	131399	133260	134124	132928	1.05	cps
Chlorine	35-2	507	500	517	508	1.65	cps
Chromium	52-2	310494	307403	310798	309565	0.61	cps
Cobalt	59-2	599903	597046	597459	598136	0.26	cps
Copper	63-2	4758891	4805006	4787040	4783646	0.49	cps
Dysprosium	156-1	207	203	177	196	8.41	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	40	80	77	66	33.86	cps
Erbium	164-2	17	13	33	21	50.75	cps
Gadolinium	160-1	43	53	43	47	12.37	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	4505605	4477156	4524577	4502446	0.53	cps
Holmium	165-2	1409296	1413713	1445027	1422678	1.37	cps
Indium	115-1	3364861	3332295	3365048	3354068	0.56	cps
Indium	115-2	291533	295731	298416	295227	1.17	cps
Iron	54-2	622275	625150	626481	624635	0.34	cps
Iron	56-2	12028820	11850841	11861101	11913587	0.84	cps
Iron	57-2	289447	285747	287948	287714	0.65	cps
Krypton	83-1	63	70	57	63	10.52	cps
Lead	206-1	7731686	7699402	7690766	7707285	0.28	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6613736	6579424	6666859	6620006	0.67	cps
Lead	208-1	30589063	30507686	30632749	30576499	0.21	cps
Lithium	6-1	1377550	1340219	1400514	1372761	2.22	cps
Magnesium	24-2	2081725	2060302	2103748	2081925	1.04	cps
Manganese	55-2	1303736	1294053	1287767	1295185	0.62	cps
Molybdenum	94-1	6367246	6449562	6438143	6418317	0.69	cps
Molybdenum	95-1	9247502	9341089	9365643	9318078	0.67	cps
Molybdenum	96-1	10081543	10147867	10190751	10140053	0.54	cps
Molybdenum	97-1	5693380	5770853	5695086	5719773	0.77	cps
Molybdenum	98-1	15013441	15025696	14957592	14998909	0.24	cps
Neodymium	150-1	217	213	160	197	16.17	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	165162	164761	164053	164659	0.34	cps
Phosphorus	31-2	5214	5481	5511	5402	3.02	cps
Potassium	39-2	584969	580735	578778	581494	0.54	cps
Rhodium	103-1	3030456	3016518	3049625	3032200	0.55	cps
Rhodium	103-2	1024803	1036887	1050683	1037457	1.25	cps
Scandium	45-1	2163998	2113459	2187422	2154960	1.75	cps
Scandium	45-2	33125	33385	33028	33179	0.56	cps
Selenium	82-1	26355	26655	26318	26443	0.70	cps
Selenium	77-2	410	367	380	386	5.76	cps
Selenium	78-2	1343	1337	1300	1327	1.76	cps
Silicon	28-1	19947677	19766928	19993459	19902688	0.60	cps
Silver	107-1	2311760	2284233	2312448	2302814	0.70	cps
Silver	109-1	2158325	2189641	2166758	2171575	0.75	cps
Sodium	23-2	4135806	4105184	4051520	4097503	1.04	cps
Strontium	86-1	605379	612088	614986	610818	0.81	cps
Strontium	88-1	5473078	5558101	5475898	5502359	0.88	cps
Sulfur	34-1	268104	270342	270105	269517	0.46	cps
Terbium	159-1	4498484	4552029	4540497	4530336	0.62	cps
Terbium	159-2	1352686	1369317	1375139	1365714	0.85	cps
Thallium	203-1	1993965	1992791	1981462	1989406	0.35	cps
Thallium	205-1	4747661	4650392	4702723	4700259	1.04	cps
Tin	118-1	1543280	1552914	1487420	1527871	2.31	cps
Titanium	47-1	2553293	2543200	2610627	2569040	1.42	cps
Uranium	238-1	6089057	6104937	6156166	6116720	0.57	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 15:57:36 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	247924	246961	246015	246967	0.39	cps
Ytterbium	172-1	67	63	70	67	5.00	cps
Ytterbium	172-2	27	43	20	30	40.05	cps
Ytterbium	176-1	8580	9006	8953	8846	2.63	cps
Ytterbium	176-2	2864	2954	3044	2954	3.05	cps
Yttrium	89-1	5842243	5808412	5853838	5834831	0.40	cps
Yttrium	89-2	352817	357179	363797	357931	1.54	cps
Zinc	66-2	501157	500048	499859	500355	0.14	cps
Zirconium	90-1	3248697	3287709	3291167	3275858	0.72	cps
Zirconium	91-1	678091	696519	691680	688763	1.39	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234429	234750	235682	234954	0.28	cps
Antimony	121-1	3958224	3954705	3980223	3964384	0.35	cps
Arsenic	75-2	64701	64088	64316	64368	0.48	cps
Barium	135-1	4730600	4810465	4761936	4767667	0.84	cps
Barium	137-1	8092971	8219690	8180523	8164395	0.79	cps
Beryllium	9-1	996120	1010887	1022609	1009872	1.31	cps
Bismuth	209-1	2772677	2740369	2760285	2757777	0.59	cps
Bismuth	209-2	949191	1018396	1020819	996136	4.08	cps
Bromine	81-1	1897	1880	2054	1943	4.92	cps
Cadmium	108-1	66556	68298	68570	67808	1.61	cps
Cadmium	106-1	95903	97387	98038	97109	1.13	cps
Cadmium	111-1	875885	889552	896716	887384	1.19	cps
Calcium	43-1	1108326	1124934	1127101	1120120	0.92	cps
Calcium	44-1	18415102	18923186	19041815	18793368	1.77	cps
Carbon	12-1	901270	949578	966749	939199	3.61	cps
Carbon	12-2	7002	7028	7032	7021	0.23	cps
Chlorine	35-1	134252	135564	137388	135735	1.16	cps
Chlorine	35-2	517	540	490	516	4.85	cps
Chromium	52-2	630540	623627	624431	626199	0.60	cps
Cobalt	59-2	1195657	1193298	1196926	1195294	0.15	cps
Copper	63-2	9429497	9301039	9362497	9364344	0.69	cps
Dysprosium	156-1	287	280	213	260	15.60	cps
Dysprosium	156-2	37	30	33	33	10.01	cps
Erbium	164-1	147	90	127	121	23.73	cps
Erbium	164-2	30	47	37	38	22.21	cps
Gadolinium	160-1	100	97	83	93	9.45	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	4484006	4577894	4550877	4537592	1.07	cps
Holmium	165-2	1365314	1477059	1475561	1439311	4.45	cps
Indium	115-1	3349440	3293783	3299904	3314376	0.92	cps
Indium	115-2	273639	296939	296785	289121	4.64	cps
Iron	54-2	1255975	1253133	1252976	1254028	0.13	cps
Iron	56-2	23654633	23678420	23861290	23731448	0.48	cps
Iron	57-2	575721	575074	577500	576099	0.22	cps
Krypton	83-1	87	70	67	74	14.39	cps
Lead	206-1	15162299	15300382	15308881	15257187	0.54	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13012805	13053847	13160404	13075685	0.58	cps
Lead	208-1	60437457	60486258	60593942	60505886	0.13	cps
Lithium	6-1	1360043	1342668	1376987	1359899	1.26	cps
Magnesium	24-2	4110141	4117647	4092056	4106615	0.32	cps
Manganese	55-2	2766473	2752697	2787059	2768743	0.62	cps
Molybdenum	94-1	12609844	13071846	13072251	12917980	2.07	cps
Molybdenum	95-1	18376897	18716662	18879592	18657717	1.37	cps
Molybdenum	96-1	20161720	20554551	20610807	20442359	1.20	cps
Molybdenum	97-1	11343058	11434053	11567433	11448181	0.99	cps
Molybdenum	98-1	29609134	30370451	30495805	30158463	1.59	cps
Neodymium	150-1	427	513	447	462	9.82	cps
Neodymium	150-2	7	23	23	18	54.11	cps
Nickel	60-2	345901	345707	345784	345797	0.03	cps
Phosphorus	31-2	11098	10847	10734	10893	1.71	cps
Potassium	39-2	1173177	1166418	1173040	1170878	0.33	cps
Rhodium	103-1	3026337	2984732	2968604	2993224	1.00	cps
Rhodium	103-2	966135	1048854	1061141	1025377	5.04	cps
Scandium	45-1	2229231	2193597	2160588	2194472	1.56	cps
Scandium	45-2	32758	34735	35838	34444	4.53	cps
Selenium	82-1	52759	54305	54258	53774	1.64	cps
Selenium	77-2	800	760	787	782	2.60	cps
Selenium	78-2	2827	2720	2717	2755	2.27	cps
Silicon	28-1	39191810	39311574	39314666	39272684	0.18	cps
Silver	107-1	4485704	4545638	4593380	4541574	1.19	cps
Silver	109-1	4280359	4267668	4306162	4284730	0.46	cps
Sodium	23-2	8175703	8144018	8164031	8161250	0.20	cps
Strontium	86-1	1208322	1230201	1227263	1221929	0.97	cps
Strontium	88-1	10939931	11114050	11095210	11049730	0.86	cps
Sulfur	34-1	425639	432931	431901	430157	0.92	cps
Terbium	159-1	4589763	4568384	4612845	4590331	0.48	cps
Terbium	159-2	1300661	1407479	1417883	1375341	4.72	cps
Thallium	203-1	3924099	3929983	3927520	3927201	0.08	cps
Thallium	205-1	9174645	9093483	9264094	9177407	0.93	cps
Tin	118-1	3123103	3107521	3135242	3121955	0.45	cps
Titanium	47-1	4985274	5134576	5088215	5069355	1.51	cps
Uranium	238-1	12101032	12074914	12144606	12106851	0.29	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:00:42 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	499821	497614	502090	499842	0.45	cps
Ytterbium	172-1	120	130	147	132	10.19	cps
Ytterbium	172-2	20	43	30	31	37.62	cps
Ytterbium	176-1	17151	17235	17568	17318	1.27	cps
Ytterbium	176-2	6028	6171	5805	6001	3.08	cps
Yttrium	89-1	5905712	5939034	5964247	5936331	0.49	cps
Yttrium	89-2	344374	370797	373819	362997	4.46	cps
Zinc	66-2	1015861	1018076	1016943	1016960	0.11	cps
Zirconium	90-1	6382622	6564098	6615976	6520898	1.88	cps
Zirconium	91-1	1436420	1466378	1480614	1461137	1.54	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950776	933619	924510	936302	1.42	cps
Antimony	121-1	1527	1363	1393	1428	6.09	cps
Arsenic	75-2	23	27	37	29	24.03	cps
Barium	135-1	2384	2237	1954	2191	9.98	cps
Barium	137-1	3844	3857	3647	3783	3.11	cps
Beryllium	9-1	522	451	462	479	8.00	cps
Bismuth	209-1	2262643	2242928	2176517	2227363	2.03	cps
Bismuth	209-2	795242	794279	809761	799761	1.08	cps
Bromine	81-1	2077	2130	2030	2079	2.41	cps
Cadmium	108-1	53	73	63	63	15.79	cps
Cadmium	106-1	1167	1190	1240	1199	3.13	cps
Cadmium	111-1	1136	1048	1040	1075	4.94	cps
Calcium	43-1	4997845	5014956	4812723	4941841	2.27	cps
Calcium	44-1	82828224	81209975	79735714	81257971	1.90	cps
Carbon	12-1	735947	742875	821736	766853	6.21	cps
Carbon	12-2	6108	5795	6108	6004	3.01	cps
Chlorine	35-1	112042	107109	103590	107580	3.95	cps
Chlorine	35-2	360	383	390	378	4.17	cps
Chromium	52-2	1247	1233	1320	1267	3.68	cps
Cobalt	59-2	2150	2064	2157	2124	2.45	cps
Copper	63-2	1660	1627	1460	1582	6.77	cps
Dysprosium	156-1	230	237	160	209	20.33	cps
Dysprosium	156-2	47	43	30	40	22.05	cps
Erbium	164-1	183	157	147	162	11.68	cps
Erbium	164-2	43	60	73	59	25.53	cps
Gadolinium	160-1	183	123	83	130	38.72	cps
Gadolinium	160-2	50	50	60	53	10.83	cps
Holmium	165-1	3963768	3922041	3843122	3909644	1.57	cps
Holmium	165-2	1210940	1226520	1244922	1227461	1.39	cps
Indium	115-1	2867800	2822823	2732273	2807632	2.46	cps
Indium	115-2	243131	244218	248963	245437	1.26	cps
Iron	54-2	5252953	5226868	5129722	5203181	1.25	cps
Iron	56-2	97012449	96073742	94348515	95811569	1.41	cps
Iron	57-2	2506567	2461797	2417028	2461797	1.82	cps
Krypton	83-1	67	80	67	71	10.82	cps
Lead	206-1	2784	2567	2590	2647	4.49	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2334	2087	2227	2216	5.58	cps
Lead	208-1	10889	9825	9802	10172	6.11	cps
Lithium	6-1	1172534	1151046	1114546	1146042	2.56	cps
Magnesium	24-2	16668471	16421332	16198202	16429335	1.43	cps
Manganese	55-2	1027	1107	1013	1049	4.81	cps
Molybdenum	94-1	5681	5114	4918	5238	7.57	cps
Molybdenum	95-1	2980	2790	2787	2853	3.88	cps
Molybdenum	96-1	5781	5041	4754	5192	10.21	cps
Molybdenum	97-1	1977	1700	1540	1739	12.71	cps
Molybdenum	98-1	4514	4261	3794	4190	8.72	cps
Neodymium	150-1	107	83	97	96	12.25	cps
Neodymium	150-2	17	23	23	21	18.21	cps
Nickel	60-2	1007	1083	973	1021	5.52	cps
Phosphorus	31-2	17	17	20	18	10.81	cps
Potassium	39-2	5026128	4988261	4954257	4989549	0.72	cps
Rhodium	103-1	2485431	2463846	2403837	2451038	1.72	cps
Rhodium	103-2	798630	804237	816220	806362	1.11	cps
Scandium	45-1	1899823	1852119	1808639	1853527	2.46	cps
Scandium	45-2	27249	27263	28515	27676	2.63	cps
Selenium	82-1	33	-13	27	16	162.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Silicon	28-1	173452	159341	149392	160728	7.52	cps
Silver	107-1	677	453	600	577	19.68	cps
Silver	109-1	630	570	497	566	11.81	cps
Sodium	23-2	32879480	31982817	31423675	32095324	2.29	cps
Strontium	86-1	3524	3284	3154	3320	5.65	cps
Strontium	88-1	30079	29294	28706	29360	2.35	cps
Sulfur	34-1	96341	94707	92553	94533	2.01	cps
Terbium	159-1	4043486	3972134	3869777	3961799	2.20	cps
Terbium	159-2	1159557	1169533	1194994	1174695	1.56	cps
Thallium	203-1	533	503	397	478	15.03	cps
Thallium	205-1	1410	1200	1010	1207	16.58	cps
Tin	118-1	1093	1017	970	1027	6.07	cps
Titanium	47-1	970	940	810	907	9.38	cps
Uranium	238-1	1090	717	750	852	24.24	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:03:43 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	117	133	123	124	6.74	cps
Ytterbium	172-1	210	190	210	203	5.68	cps
Ytterbium	172-2	83	67	83	78	12.37	cps
Ytterbium	176-1	527	563	533	541	3.61	cps
Ytterbium	176-2	77	107	103	96	17.21	cps
Yttrium	89-1	5205218	4998446	4932361	5045341	2.82	cps
Yttrium	89-2	299556	304253	308543	304117	1.48	cps
Zinc	66-2	477	510	463	483	4.97	cps
Zirconium	90-1	10424	9560	9603	9862	4.94	cps
Zirconium	91-1	2350	2367	2247	2321	2.80	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5028	5031	4994	5018	0.40	cps
Antimony	121-1	672153	683177	688758	681363	1.24	cps
Arsenic	75-2	11305	11655	11712	11557	1.91	cps
Barium	135-1	85568	86956	87141	86555	0.99	cps
Barium	137-1	148047	150745	152588	150460	1.52	cps
Beryllium	9-1	87281	87541	89664	88162	1.48	cps
Bismuth	209-1	2730558	2463598	2563626	2585927	5.22	cps
Bismuth	209-2	1006300	1010113	1003462	1006625	0.33	cps
Bromine	81-1	1657	1790	1783	1743	4.31	cps
Cadmium	108-1	7149	7786	7492	7475	4.27	cps
Cadmium	106-1	8810	8743	8683	8745	0.73	cps
Cadmium	111-1	84536	84731	86079	85115	0.99	cps
Calcium	43-1	19694	20104	19881	19893	1.03	cps
Calcium	44-1	320443	324867	327494	324268	1.10	cps
Carbon	12-1	778003	796152	803629	792595	1.66	cps
Carbon	12-2	4904	4998	4741	4881	2.66	cps
Chlorine	35-1	93238	94875	94744	94285	0.96	cps
Chlorine	35-2	367	350	333	350	4.76	cps
Chromium	52-2	56417	56872	57458	56916	0.92	cps
Cobalt	59-2	110783	110803	111844	111143	0.55	cps
Copper	63-2	88668	90030	89137	89278	0.77	cps
Dysprosium	156-1	83	60	63	69	18.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	23	20	37	27	33.08	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	17	13	7	12	41.65	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	4160983	3771072	3879376	3937144	5.11	cps
Holmium	165-2	1366921	1360704	1380806	1369477	0.75	cps
Indium	115-1	3287225	2869784	2999496	3052168	7.00	cps
Indium	115-2	286195	285230	286549	285991	0.24	cps
Iron	54-2	46699	48512	48007	47739	1.96	cps
Iron	56-2	852580	857874	858187	856214	0.37	cps
Iron	57-2	21116	21647	21890	21551	1.84	cps
Krypton	83-1	37	57	57	50	23.09	cps
Lead	206-1	570090	582323	585412	579275	1.40	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	474608	485619	487494	482574	1.44	cps
Lead	208-1	2222707	2272661	2271059	2255476	1.26	cps
Lithium	6-1	1191671	1104668	1144934	1147091	3.80	cps
Magnesium	24-2	40603	41944	41556	41367	1.67	cps
Manganese	55-2	24571	24187	24902	24553	1.46	cps
Molybdenum	94-1	4538614	4650063	4645420	4611366	1.37	cps
Molybdenum	95-1	8121321	8243224	8124739	8163095	0.85	cps
Molybdenum	96-1	8607702	8716992	8751404	8692033	0.86	cps
Molybdenum	97-1	4957848	5079120	5051621	5029530	1.26	cps
Molybdenum	98-1	12982731	13237778	13172247	13130919	1.01	cps
Neodymium	150-1	20	13	23	19	26.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	31081	30646	31231	30986	0.98	cps
Phosphorus	31-2	13	17	10	13	25.01	cps
Potassium	39-2	46043	46103	46314	46154	0.31	cps
Rhodium	103-1	2920012	2666851	2702304	2763056	4.96	cps
Rhodium	103-2	1016383	1013153	1016365	1015300	0.18	cps
Scandium	45-1	1937337	1763728	1841719	1847595	4.71	cps
Scandium	45-2	29951	30910	30529	30463	1.58	cps
Selenium	82-1	9777	10040	9824	9880	1.42	cps
Selenium	77-2	133	153	123	137	11.18	cps
Selenium	78-2	500	500	537	512	4.13	cps
Silicon	28-1	104079	105469	106214	105254	1.03	cps
Silver	107-1	197493	201177	201441	200037	1.10	cps
Silver	109-1	187515	192171	191842	190509	1.36	cps
Sodium	23-2	154207	154733	157132	155357	1.00	cps
Strontium	86-1	437	367	357	387	11.27	cps
Strontium	88-1	2550	2767	2504	2607	5.39	cps
Sulfur	34-1	91282	91436	91141	91286	0.16	cps
Terbium	159-1	4269761	3843956	4031718	4048478	5.27	cps
Terbium	159-2	1311043	1307174	1307988	1308735	0.16	cps
Thallium	203-1	692034	707708	705941	701895	1.22	cps
Thallium	205-1	1782106	1777789	1822032	1793976	1.36	cps
Tin	118-1	540	513	463	506	7.70	cps
Titanium	47-1	107	153	140	133	18.03	cps
Uranium	238-1	50	13	47	37	55.31	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICV003 Instrumnet Name : P8
Client Sample ID : ICV003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:22:39 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43843	44031	43987	43954	0.22	cps
Ytterbium	172-1	30	23	20	24	20.83	cps
Ytterbium	172-2	20	7	10	12	56.76	cps
Ytterbium	176-1	473	393	410	426	9.92	cps
Ytterbium	176-2	80	107	93	93	14.29	cps
Yttrium	89-1	5297238	4836689	5003413	5045780	4.62	cps
Yttrium	89-2	334755	335226	333306	334429	0.30	cps
Zinc	66-2	18542	18425	18933	18633	1.43	cps
Zirconium	90-1	200	200	173	191	8.05	cps
Zirconium	91-1	177	127	153	152	16.44	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	3	0	6	124.93	cps
Antimony	121-1	273	243	233	250	8.33	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	127	127	120	124	3.09	cps
Barium	137-1	153	193	207	184	15.05	cps
Beryllium	9-1	169	179	162	170	4.82	cps
Bismuth	209-1	2680055	2732122	2678003	2696726	1.14	cps
Bismuth	209-2	1006608	1001978	998164	1002250	0.42	cps
Bromine	81-1	1763	1833	1857	1818	2.67	cps
Cadmium	108-1	17	10	10	12	31.50	cps
Cadmium	106-1	1160	1160	1283	1201	5.93	cps
Cadmium	111-1	844	835	918	866	5.27	cps
Calcium	43-1	150	173	120	148	18.09	cps
Calcium	44-1	1593	1570	1557	1573	1.18	cps
Carbon	12-1	680645	679674	678059	679459	0.19	cps
Carbon	12-2	3951	4047	3924	3974	1.63	cps
Chlorine	35-1	93244	92546	92614	92801	0.41	cps
Chlorine	35-2	337	313	327	326	3.60	cps
Chromium	52-2	150	117	150	139	13.85	cps
Cobalt	59-2	53	50	43	49	10.42	cps
Copper	63-2	667	603	610	627	5.55	cps
Dysprosium	156-1	70	30	93	64	49.70	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	20	20	27	22	17.33	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	13	30	13	19	50.96	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	4116042	4094425	4118650	4109705	0.32	cps
Holmium	165-2	1346454	1355560	1346876	1349630	0.38	cps
Indium	115-1	3216034	3107534	3184785	3169451	1.76	cps
Indium	115-2	283693	282917	283710	283440	0.16	cps
Iron	54-2	207	190	167	188	10.70	cps
Iron	56-2	2930	2994	2867	2930	2.16	cps
Iron	57-2	63	60	83	69	18.32	cps
Krypton	83-1	50	40	67	52	25.80	cps
Lead	206-1	470	487	477	478	1.76	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	400	447	430	426	5.56	cps
Lead	208-1	1917	1943	1880	1913	1.66	cps
Lithium	6-1	1193066	1197195	1206166	1198809	0.56	cps
Magnesium	24-2	433	403	413	417	3.67	cps
Manganese	55-2	243	177	193	204	16.97	cps
Molybdenum	94-1	450	353	327	377	17.23	cps
Molybdenum	95-1	720	563	470	584	21.62	cps
Molybdenum	96-1	780	680	500	653	21.72	cps
Molybdenum	97-1	403	347	273	341	19.11	cps
Molybdenum	98-1	1110	1140	710	987	24.33	cps
Neodymium	150-1	13	13	17	14	13.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	227	210	213	5.63	cps
Phosphorus	31-2	7	20	3	10	88.20	cps
Potassium	39-2	4778	4514	4754	4682	3.11	cps
Rhodium	103-1	2883846	2877642	2948201	2903229	1.35	cps
Rhodium	103-2	1013803	1008676	1012004	1011494	0.26	cps
Scandium	45-1	1911219	1920047	1919275	1916847	0.26	cps
Scandium	45-2	30011	30442	30041	30165	0.80	cps
Selenium	82-1	3	20	-10	4	338.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	3	0	1	173.21	cps
Silicon	28-1	103048	103676	102457	103061	0.59	cps
Silver	107-1	137	160	153	150	8.01	cps
Silver	109-1	130	120	117	122	5.68	cps
Sodium	23-2	18609	18268	17978	18285	1.73	cps
Strontium	86-1	147	137	143	142	3.58	cps
Strontium	88-1	240	313	327	293	15.91	cps
Sulfur	34-1	93244	94654	95515	94471	1.21	cps
Terbium	159-1	4170884	4198265	4212897	4194015	0.51	cps
Terbium	159-2	1279842	1289291	1300608	1289914	0.81	cps
Thallium	203-1	197	197	180	191	5.04	cps
Thallium	205-1	493	593	477	521	12.11	cps
Tin	118-1	330	310	383	341	11.11	cps
Titanium	47-1	47	23	30	33	36.07	cps
Uranium	238-1	3	13	13	10	57.75	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICB003 Instrumnet Name : P8
Client Sample ID : ICB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:26:13 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	0	3	100.05	cps
Ytterbium	172-1	23	23	13	20	28.87	cps
Ytterbium	172-2	0	7	10	6	91.64	cps
Ytterbium	176-1	460	487	487	478	3.22	cps
Ytterbium	176-2	77	47	103	76	37.52	cps
Yttrium	89-1	5348866	5316958	5264789	5310204	0.80	cps
Yttrium	89-2	328789	331295	329432	329839	0.39	cps
Zinc	66-2	50	53	60	54	9.35	cps
Zirconium	90-1	180	173	170	174	2.92	cps
Zirconium	91-1	57	50	40	49	17.16	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	991357	992468	991256	991693	0.07	cps
Antimony	121-1	3717	4071	4084	3957	5.26	cps
Arsenic	75-2	27	20	10	19	44.42	cps
Barium	135-1	1247	1280	1277	1268	1.45	cps
Barium	137-1	2204	2334	2287	2275	2.90	cps
Beryllium	9-1	382	377	376	379	0.87	cps
Bismuth	209-1	2521939	2561732	2551549	2545073	0.81	cps
Bismuth	209-2	938476	947292	957403	947723	1.00	cps
Bromine	81-1	2110	2164	2397	2224	6.86	cps
Cadmium	108-1	710	677	733	707	4.03	cps
Cadmium	106-1	1227	1300	1257	1261	2.92	cps
Cadmium	111-1	1118	1393	1203	1238	11.36	cps
Calcium	43-1	996775	1029947	1032946	1019889	1.97	cps
Calcium	44-1	16723362	17244958	17399610	17122643	2.07	cps
Carbon	12-1	8024011	8240780	8361631	8208807	2.08	cps
Carbon	12-2	58084	57779	59198	58354	1.28	cps
Chlorine	35-1	13354787	15000448	15343130	14566122	7.30	cps
Chlorine	35-2	57627	58802	58986	58472	1.26	cps
Chromium	52-2	11254	11018	11378	11217	1.63	cps
Cobalt	59-2	1357	1353	1353	1355	0.14	cps
Copper	63-2	7119	7429	7259	7269	2.14	cps
Dysprosium	156-1	93	63	67	74	22.09	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	27	33	47	36	28.64	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	27	13	27	22	34.66	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	4161590	4180360	4222326	4188092	0.74	cps
Holmium	165-2	1390897	1391706	1395739	1392781	0.19	cps
Indium	115-1	3020673	3106361	3095585	3074206	1.52	cps
Indium	115-2	280631	284183	283183	282666	0.65	cps
Iron	54-2	2493024	2457684	2457367	2469359	0.83	cps
Iron	56-2	44815509	45212873	45470178	45166187	0.73	cps
Iron	57-2	1082347	1091341	1089882	1087857	0.44	cps
Krypton	83-1	43	70	43	52	29.49	cps
Lead	206-1	12937	13237	13390	13188	1.75	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10644	10191	10361	10399	2.20	cps
Lead	208-1	49156	49163	49884	49401	0.85	cps
Lithium	6-1	1192844	1192327	1214773	1199981	1.07	cps
Magnesium	24-2	3600963	3600606	3567126	3589565	0.54	cps
Manganese	55-2	1943	1927	1903	1925	1.04	cps
Molybdenum	94-1	1917306	1965782	1990100	1957729	1.89	cps
Molybdenum	95-1	3384565	3496326	3546203	3475698	2.38	cps
Molybdenum	96-1	3624841	3753015	3778035	3718630	2.21	cps
Molybdenum	97-1	2100882	2159341	2152738	2137654	1.50	cps
Molybdenum	98-1	5421960	5635557	5620416	5559311	2.14	cps
Neodymium	150-1	37	13	23	24	47.91	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	1800	1967	1697	1821	7.48	cps
Phosphorus	31-2	51046	51621	50919	51195	0.73	cps
Potassium	39-2	2257854	2276499	2273070	2269141	0.44	cps
Rhodium	103-1	2720118	2791581	2774410	2762036	1.35	cps
Rhodium	103-2	972952	978922	985275	979050	0.63	cps
Scandium	45-1	1908889	1997546	2009953	1972130	2.79	cps
Scandium	45-2	31818	32153	31782	31918	0.64	cps
Selenium	82-1	30	-3	50	26	105.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Silicon	28-1	160339	164896	165999	163744	1.83	cps
Silver	107-1	413	313	277	334	21.15	cps
Silver	109-1	373	320	287	327	13.38	cps
Sodium	23-2	7430436	7396953	7472851	7433413	0.51	cps
Strontium	86-1	37367	37273	37751	37463	0.68	cps
Strontium	88-1	315889	321904	324728	320840	1.41	cps
Sulfur	34-1	1295836	1322465	1318224	1312175	1.09	cps
Terbium	159-1	4269380	4273115	4281093	4274530	0.14	cps
Terbium	159-2	1319481	1337460	1330144	1329028	0.68	cps
Thallium	203-1	487	513	540	513	5.20	cps
Thallium	205-1	1193	1140	1263	1199	5.16	cps
Tin	118-1	903	867	883	884	2.08	cps
Titanium	47-1	896088	925553	930210	917284	2.02	cps
Uranium	238-1	177	177	170	174	2.21	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSA003 Instrumnet Name : P8
Client Sample ID : ICSA003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:29:43 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	80	70	80	77	7.53	cps
Ytterbium	172-1	27	63	27	39	54.42	cps
Ytterbium	172-2	10	7	0	6	91.64	cps
Ytterbium	176-1	383	350	427	387	9.94	cps
Ytterbium	176-2	70	53	67	63	13.93	cps
Yttrium	89-1	5350543	5450788	5518402	5439911	1.55	cps
Yttrium	89-2	342400	345641	345410	344484	0.52	cps
Zinc	66-2	1147	1043	1013	1068	6.55	cps
Zirconium	90-1	293	347	267	302	13.48	cps
Zirconium	91-1	87	70	73	77	11.51	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002031	1007060	997629	1002240	0.47	cps
Antimony	121-1	75094	75735	74347	75059	0.93	cps
Arsenic	75-2	1310	1400	1187	1299	8.25	cps
Barium	135-1	19491	19114	19464	19356	1.09	cps
Barium	137-1	32793	33294	32960	33016	0.77	cps
Beryllium	9-1	18956	19186	19243	19128	0.79	cps
Bismuth	209-1	2543633	2568553	2590365	2567517	0.91	cps
Bismuth	209-2	946656	958359	949862	951626	0.64	cps
Bromine	81-1	2290	2260	2140	2230	3.56	cps
Cadmium	108-1	1840	1793	1637	1757	6.06	cps
Cadmium	106-1	2704	2710	2640	2685	1.44	cps
Cadmium	111-1	18066	17682	18254	18001	1.62	cps
Calcium	43-1	1040060	1056980	1069847	1055629	1.42	cps
Calcium	44-1	17521750	17748529	17874112	17714797	1.01	cps
Carbon	12-1	8511953	8734131	8866637	8704240	2.06	cps
Carbon	12-2	60186	61371	60249	60602	1.10	cps
Chlorine	35-1	14810163	16113584	16548035	15823927	5.72	cps
Chlorine	35-2	61313	62072	62796	62060	1.19	cps
Chromium	52-2	22725	23159	23316	23066	1.33	cps
Cobalt	59-2	24070	24378	23800	24083	1.20	cps
Copper	63-2	24742	24929	25025	24899	0.58	cps
Dysprosium	156-1	100	50	80	77	32.83	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	33	40	57	43	27.74	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	47	17	23	29	54.53	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4293146	4304551	4334415	4310704	0.49	cps
Holmium	165-2	1383513	1389834	1387867	1387071	0.23	cps
Indium	115-1	3201632	3168282	3176733	3182216	0.54	cps
Indium	115-2	285896	285703	285381	285660	0.09	cps
Iron	54-2	2468936	2464625	2485053	2472871	0.44	cps
Iron	56-2	45337864	45745039	45389021	45490642	0.49	cps
Iron	57-2	1098293	1103434	1105065	1102264	0.32	cps
Krypton	83-1	60	53	57	57	5.89	cps
Lead	206-1	70148	71381	70859	70796	0.87	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	58502	59610	58839	58984	0.96	cps
Lead	208-1	270733	275788	274419	273647	0.96	cps
Lithium	6-1	1226253	1250198	1253498	1243316	1.20	cps
Magnesium	24-2	3656286	3648614	3639808	3648236	0.23	cps
Manganese	55-2	6872	6582	6872	6775	2.47	cps
Molybdenum	94-1	1941206	2022060	2004976	1989414	2.14	cps
Molybdenum	95-1	3546677	3546776	3571477	3554977	0.40	cps
Molybdenum	96-1	3749610	3829703	3788102	3789138	1.06	cps
Molybdenum	97-1	2168460	2209929	2211830	2196740	1.12	cps
Molybdenum	98-1	5599848	5697262	5729145	5675418	1.19	cps
Neodymium	150-1	17	23	30	23	28.56	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	7779	7879	8052	7903	1.75	cps
Phosphorus	31-2	52685	53117	52595	52799	0.53	cps
Potassium	39-2	2320446	2340590	2300231	2320422	0.87	cps
Rhodium	103-1	2807031	2835063	2833117	2825070	0.55	cps
Rhodium	103-2	983666	986255	994282	988067	0.56	cps
Scandium	45-1	1982740	2036703	2046303	2021915	1.69	cps
Scandium	45-2	32086	32089	31815	31997	0.49	cps
Selenium	82-1	1023	957	953	978	4.04	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	37	37	50	41	18.72	cps
Silicon	28-1	171349	176179	176800	174776	1.71	cps
Silver	107-1	79236	80620	81281	80379	1.30	cps
Silver	109-1	75475	77613	77318	76802	1.51	cps
Sodium	23-2	7639227	7685915	7630923	7652022	0.39	cps
Strontium	86-1	37654	38957	38623	38412	1.76	cps
Strontium	88-1	328192	332280	336351	332274	1.23	cps
Sulfur	34-1	1344286	1392153	1356388	1364276	1.82	cps
Terbium	159-1	4315509	4357612	4388873	4353998	0.85	cps
Terbium	159-2	1331386	1334443	1322276	1329368	0.48	cps
Thallium	203-1	71542	72209	72340	72030	0.59	cps
Thallium	205-1	170379	171126	173892	171799	1.08	cps
Tin	118-1	963	793	793	850	11.55	cps
Titanium	47-1	939014	957604	956868	951162	1.11	cps
Uranium	238-1	140	217	193	183	21.44	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : ICSAB003 Instrumnet Name : P8
Client Sample ID : ICSAB003 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:32:57 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9437	9193	8876	9169	3.06	cps
Ytterbium	172-1	37	37	40	38	5.09	cps
Ytterbium	172-2	13	7	10	10	33.30	cps
Ytterbium	176-1	483	460	470	471	2.49	cps
Ytterbium	176-2	80	67	77	74	9.32	cps
Yttrium	89-1	5427219	5551740	5597150	5525370	1.59	cps
Yttrium	89-2	346221	348656	349635	348171	0.50	cps
Zinc	66-2	2947	3007	3057	3004	1.83	cps
Zirconium	90-1	210	280	323	271	21.09	cps
Zirconium	91-1	40	77	67	61	31.02	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	493161	487122	484313	488199	0.93	cps
Antimony	121-1	1754843	1740745	1729871	1741820	0.72	cps
Arsenic	75-2	28145	27624	27714	27828	1.00	cps
Barium	135-1	2158296	2138592	2147802	2148230	0.46	cps
Barium	137-1	3673656	3612304	3624933	3636964	0.89	cps
Beryllium	9-1	426364	424076	424199	424880	0.30	cps
Bismuth	209-1	2449029	2348840	2333089	2376986	2.65	cps
Bismuth	209-2	866545	867420	867609	867191	0.07	cps
Bromine	81-1	1960	1780	1867	1869	4.82	cps
Cadmium	108-1	29602	29311	29705	29539	0.69	cps
Cadmium	106-1	43007	42736	42896	42880	0.32	cps
Cadmium	111-1	384133	384524	384433	384364	0.05	cps
Calcium	43-1	2514609	2493461	2485918	2497996	0.60	cps
Calcium	44-1	40828421	40563141	40504984	40632182	0.42	cps
Carbon	12-1	820833	730359	751830	767674	6.16	cps
Carbon	12-2	5805	5694	5614	5704	1.67	cps
Chlorine	35-1	393266	377935	365714	378972	3.64	cps
Chlorine	35-2	1323	1257	1270	1283	2.75	cps
Chromium	52-2	263140	265904	264264	264436	0.53	cps
Cobalt	59-2	504366	505007	502356	503910	0.27	cps
Copper	63-2	3924794	3924290	3945905	3931663	0.31	cps
Dysprosium	156-1	137	167	137	147	11.81	cps
Dysprosium	156-2	33	40	17	30	40.05	cps
Erbium	164-1	93	113	97	101	10.60	cps
Erbium	164-2	50	43	43	46	8.45	cps
Gadolinium	160-1	107	90	93	97	9.13	cps
Gadolinium	160-2	23	23	47	31	43.32	cps
Holmium	165-1	4062486	3925494	3868669	3952216	2.52	cps
Holmium	165-2	1288078	1288635	1288922	1288545	0.03	cps
Indium	115-1	2958598	2884016	2892895	2911836	1.40	cps
Indium	115-2	255744	256524	258156	256808	0.48	cps
Iron	54-2	2761371	2789215	2739770	2763452	0.90	cps
Iron	56-2	50278444	50419001	49791603	50163016	0.66	cps
Iron	57-2	1218315	1217587	1213604	1216502	0.21	cps
Krypton	83-1	43	33	53	43	23.08	cps
Lead	206-1	6795932	6751451	6722336	6756573	0.55	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5825575	5836818	5756716	5806370	0.75	cps
Lead	208-1	26956028	26869117	26451772	26758972	1.01	cps
Lithium	6-1	1168592	1137190	1109949	1138577	2.58	cps
Magnesium	24-2	8563897	8471946	8361528	8465790	1.20	cps
Manganese	55-2	1104792	1098082	1098797	1100557	0.33	cps
Molybdenum	94-1	5784267	5648847	5736890	5723335	1.20	cps
Molybdenum	95-1	8350208	8202688	8270346	8274414	0.89	cps
Molybdenum	96-1	9130828	9052315	9091942	9091695	0.43	cps
Molybdenum	97-1	5166653	5115150	5083183	5121662	0.82	cps
Molybdenum	98-1	13424935	13402075	13303160	13376723	0.48	cps
Neodymium	150-1	217	180	247	214	15.57	cps
Neodymium	150-2	3	20	17	13	66.16	cps
Nickel	60-2	140206	140805	140488	140500	0.21	cps
Phosphorus	31-2	4494	4487	4567	4516	0.98	cps
Potassium	39-2	2596852	2587558	2548178	2577529	1.00	cps
Rhodium	103-1	2662784	2538298	2525073	2575385	2.95	cps
Rhodium	103-2	880171	882629	881607	881469	0.14	cps
Scandium	45-1	1918124	1820962	1882546	1873877	2.62	cps
Scandium	45-2	29143	28993	29457	29197	0.81	cps
Selenium	82-1	22528	23189	23593	23104	2.33	cps
Selenium	77-2	270	360	400	343	19.39	cps
Selenium	78-2	1103	1210	1180	1165	4.72	cps
Silicon	28-1	18012082	17916131	17765507	17897907	0.69	cps
Silver	107-1	2021845	2011586	2009120	2014184	0.34	cps
Silver	109-1	1922123	1903535	1918630	1914763	0.52	cps
Sodium	23-2	16823449	16733031	16707454	16754645	0.36	cps
Strontium	86-1	542884	543577	539563	542008	0.40	cps
Strontium	88-1	4978289	4876712	4913959	4922987	1.04	cps
Sulfur	34-1	233553	233043	231992	232862	0.34	cps
Terbium	159-1	4134384	4008943	3976613	4039980	2.06	cps
Terbium	159-2	1240521	1238397	1231818	1236912	0.37	cps
Thallium	203-1	1742334	1718061	1736696	1732363	0.73	cps
Thallium	205-1	4137179	4132977	4092669	4120942	0.60	cps
Tin	118-1	1311471	1309231	1302473	1307725	0.36	cps
Titanium	47-1	2280418	2248421	2246746	2258528	0.84	cps
Uranium	238-1	5542137	5626550	5564152	5577613	0.79	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P8
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:39:35 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	213288	212604	211447	212447	0.44	cps
Ytterbium	172-1	113	123	113	117	4.95	cps
Ytterbium	172-2	57	50	43	50	13.34	cps
Ytterbium	176-1	8363	8173	8353	8296	1.29	cps
Ytterbium	176-2	2754	2824	2734	2770	1.71	cps
Yttrium	89-1	5318653	5102621	5056487	5159254	2.71	cps
Yttrium	89-2	314851	316265	318071	316396	0.51	cps
Zinc	66-2	418423	414285	415511	416073	0.51	cps
Zirconium	90-1	3007158	2941016	2953270	2967148	1.19	cps
Zirconium	91-1	627158	618678	619416	621751	0.76	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7	13	23	14	58.06	cps
Antimony	121-1	140	113	143	132	12.44	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	170	137	137	148	13.02	cps
Barium	137-1	223	217	207	216	3.89	cps
Beryllium	9-1	226	225	221	224	1.16	cps
Bismuth	209-1	2594078	2646067	2624880	2621675	1.00	cps
Bismuth	209-2	980960	980968	972880	978269	0.48	cps
Bromine	81-1	1893	1927	1820	1880	2.90	cps
Cadmium	108-1	7	7	7	7	0.00	cps
Cadmium	106-1	1130	1100	1257	1162	7.16	cps
Cadmium	111-1	816	782	885	828	6.34	cps
Calcium	43-1	120	147	147	138	11.18	cps
Calcium	44-1	1567	1627	1527	1573	3.20	cps
Carbon	12-1	681930	671202	674877	676003	0.81	cps
Carbon	12-2	3937	4057	4004	3999	1.50	cps
Chlorine	35-1	180743	178388	175574	178235	1.45	cps
Chlorine	35-2	570	683	537	597	12.89	cps
Chromium	52-2	133	130	117	127	6.96	cps
Cobalt	59-2	80	63	73	72	11.62	cps
Copper	63-2	750	617	710	692	9.88	cps
Dysprosium	156-1	37	30	40	36	14.32	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	20	17	37	24	43.83	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	0	23	7	10	120.16	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	4059970	3993926	3995266	4016387	0.94	cps
Holmium	165-2	1331690	1329050	1314186	1324975	0.71	cps
Indium	115-1	3105603	3119984	3071472	3099020	0.80	cps
Indium	115-2	278586	279331	275797	277905	0.67	cps
Iron	54-2	203	200	277	227	19.12	cps
Iron	56-2	4344	3934	4247	4175	5.14	cps
Iron	57-2	80	110	157	116	33.43	cps
Krypton	83-1	33	47	60	47	28.58	cps
Lead	206-1	587	583	570	580	1.52	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	570	527	523	540	4.82	cps
Lead	208-1	2340	2403	2390	2378	1.40	cps
Lithium	6-1	1124014	1150949	1147368	1140777	1.28	cps
Magnesium	24-2	627	603	683	638	6.45	cps
Manganese	55-2	177	177	177	177	0.00	cps
Molybdenum	94-1	130	117	130	126	6.13	cps
Molybdenum	95-1	173	157	160	163	5.40	cps
Molybdenum	96-1	163	177	173	171	4.05	cps
Molybdenum	97-1	67	90	67	74	18.09	cps
Molybdenum	98-1	260	193	180	211	20.30	cps
Neodymium	150-1	3	7	0	3	100.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	317	353	287	319	10.47	cps
Phosphorus	31-2	10	13	7	10	33.30	cps
Potassium	39-2	6001	5998	6221	6074	2.11	cps
Rhodium	103-1	2897263	2864555	2914346	2892055	0.87	cps
Rhodium	103-2	991444	996532	986301	991426	0.52	cps
Scandium	45-1	1866504	1854140	1851880	1857508	0.42	cps
Scandium	45-2	29440	28976	29196	29204	0.80	cps
Selenium	82-1	43	7	20	23	79.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	0	0	1	173.21	cps
Silicon	28-1	101330	100011	101044	100795	0.69	cps
Silver	107-1	67	77	83	76	11.10	cps
Silver	109-1	77	73	60	70	12.60	cps
Sodium	23-2	22160	22160	21529	21950	1.66	cps
Strontium	86-1	117	73	83	91	24.91	cps
Strontium	88-1	217	247	217	227	7.64	cps
Sulfur	34-1	90557	90340	91520	90806	0.69	cps
Terbium	159-1	4089452	4151156	4058191	4099600	1.15	cps
Terbium	159-2	1260576	1276338	1262318	1266410	0.68	cps
Thallium	203-1	283	240	193	239	18.84	cps
Thallium	205-1	490	533	483	502	5.41	cps
Tin	118-1	370	357	400	376	5.91	cps
Titanium	47-1	47	47	27	40	28.87	cps
Uranium	238-1	20	20	20	20	0.00	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P8
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:48:00 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	0	0	0	0.00	cps
Ytterbium	172-1	17	20	37	24	43.83	cps
Ytterbium	172-2	17	0	7	8	107.84	cps
Ytterbium	176-1	383	457	440	427	9.01	cps
Ytterbium	176-2	43	73	57	58	26.01	cps
Yttrium	89-1	5240431	5149939	5199971	5196780	0.87	cps
Yttrium	89-2	325243	325837	321663	324248	0.70	cps
Zinc	66-2	40	47	43	43	7.70	cps
Zirconium	90-1	170	137	193	167	17.09	cps
Zirconium	91-1	37	40	27	34	20.14	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346751	343278	345554	345194	0.51	cps
Antimony	121-1	19574	19788	19698	19686	0.54	cps
Arsenic	75-2	5481	5848	5708	5679	3.26	cps
Barium	135-1	1246442	1258135	1269763	1258114	0.93	cps
Barium	137-1	2291188	2316216	2361894	2323099	1.54	cps
Beryllium	9-1	5734	5923	5875	5844	1.68	cps
Bismuth	209-1	2656132	2667996	2692016	2672048	0.68	cps
Bismuth	209-2	995311	1001232	1009057	1001867	0.69	cps
Bromine	81-1	4261	4754	4694	4570	5.89	cps
Cadmium	108-1	2717	2527	2604	2616	3.65	cps
Cadmium	106-1	4744	5134	5208	5029	4.95	cps
Cadmium	111-1	37864	38090	38091	38015	0.34	cps
Calcium	43-1	1703479	1714104	1716043	1711209	0.40	cps
Calcium	44-1	26908112	27442642	27626505	27325753	1.37	cps
Carbon	12-1	1104733	1138982	1157921	1133879	2.38	cps
Carbon	12-2	7999	7765	8079	7948	2.05	cps
Chlorine	35-1	28177465	30609132	31727487	30171361	6.02	cps
Chlorine	35-2	117448	118268	120097	118604	1.14	cps
Chromium	52-2	23820	23513	23680	23671	0.65	cps
Cobalt	59-2	56180	56311	55544	56012	0.73	cps
Copper	63-2	953585	955025	958087	955566	0.24	cps
Dysprosium	156-1	49608	50609	51151	50456	1.55	cps
Dysprosium	156-2	16170	15890	15970	16010	0.90	cps
Erbium	164-1	42855	42391	42993	42746	0.74	cps
Erbium	164-2	14431	14415	14238	14361	0.75	cps
Gadolinium	160-1	44617	46353	45250	45407	1.93	cps
Gadolinium	160-2	18593	18620	18480	18564	0.40	cps
Holmium	165-1	4151488	4202528	4211949	4188655	0.78	cps
Holmium	165-2	1362551	1378412	1377035	1372666	0.64	cps
Indium	115-1	3158897	3175027	3194165	3176030	0.56	cps
Indium	115-2	285361	285259	284813	285144	0.10	cps
Iron	54-2	3134121	3100492	3134374	3122996	0.62	cps
Iron	56-2	57382642	57091737	57520587	57331656	0.38	cps
Iron	57-2	1481226	1483006	1466280	1476837	0.62	cps
Krypton	83-1	87	83	90	87	3.85	cps
Lead	206-1	8660318	8702319	8740897	8701178	0.46	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7315844	7375502	7378536	7356627	0.48	cps
Lead	208-1	33805465	34176672	34455213	34145783	0.95	cps
Lithium	6-1	1175275	1180708	1197746	1184576	0.99	cps
Magnesium	24-2	467355	468848	463537	466580	0.59	cps
Manganese	55-2	2241291	2246821	2208745	2232286	0.92	cps
Molybdenum	94-1	20228	20682	20265	20392	1.24	cps
Molybdenum	95-1	11992	12062	12039	12031	0.30	cps
Molybdenum	96-1	15936	15649	16083	15889	1.39	cps
Molybdenum	97-1	7442	7392	7025	7286	3.12	cps
Molybdenum	98-1	18883	19297	18800	18993	1.40	cps
Neodymium	150-1	73707	74669	75360	74579	1.11	cps
Neodymium	150-2	17935	18159	18166	18087	0.72	cps
Nickel	60-2	48797	49877	49087	49254	1.13	cps
Phosphorus	31-2	2150	2144	2080	2125	1.82	cps
Potassium	39-2	163966	162149	162379	162831	0.61	cps
Rhodium	103-1	2785654	2836019	2792067	2804580	0.98	cps
Rhodium	103-2	987123	990826	990497	989482	0.21	cps
Scandium	45-1	1973996	2003497	2018248	1998580	1.13	cps
Scandium	45-2	31538	31822	31678	31679	0.45	cps
Selenium	82-1	110	83	87	93	15.56	cps
Selenium	77-2	50	33	53	46	23.52	cps
Selenium	78-2	20	30	23	24	20.83	cps
Silicon	28-1	7382518	7430732	7466535	7426595	0.57	cps
Silver	107-1	72603	74533	75079	74072	1.76	cps
Silver	109-1	69363	71397	71162	70641	1.58	cps
Sodium	23-2	108398	108428	110121	108983	0.90	cps
Strontium	86-1	899700	906100	917145	907648	0.97	cps
Strontium	88-1	8108673	8100429	8256809	8155304	1.08	cps
Sulfur	34-1	115106	115153	117135	115798	1.00	cps
Terbium	159-1	4209307	4240060	4338483	4262617	1.58	cps
Terbium	159-2	1319048	1315115	1300031	1311398	0.77	cps
Thallium	203-1	7532	7739	8026	7766	3.19	cps
Thallium	205-1	18450	18163	18093	18235	1.04	cps
Tin	118-1	195190	195155	197265	195870	0.62	cps
Titanium	47-1	244753	250537	249793	248361	1.27	cps
Uranium	238-1	69995	69627	70149	69924	0.38	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-11 Instrumnet Name : P8
Client Sample ID : MH2H02 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:51:45 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	59372	60979	60430	60260	1.36	cps
Ytterbium	172-1	13737	14094	13947	13926	1.29	cps
Ytterbium	172-2	5525	5611	5728	5621	1.82	cps
Ytterbium	176-1	9447	8856	9160	9154	3.23	cps
Ytterbium	176-2	3824	3807	3527	3719	4.48	cps
Yttrium	89-1	6023785	5976895	6099590	6033423	1.03	cps
Yttrium	89-2	377636	381847	378737	379407	0.58	cps
Zinc	66-2	791811	790912	784988	789237	0.47	cps
Zirconium	90-1	38015	37811	38479	38102	0.90	cps
Zirconium	91-1	8436	8439	8319	8398	0.81	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276687	278321	276939	277316	0.32	cps
Antimony	121-1	19324	19658	19561	19514	0.88	cps
Arsenic	75-2	7215	7015	7585	7272	3.98	cps
Barium	135-1	1087741	1099962	1101078	1096260	0.67	cps
Barium	137-1	2022812	2027180	2004916	2018303	0.58	cps
Beryllium	9-1	4489	4601	4464	4518	1.62	cps
Bismuth	209-1	2758311	2765680	2725437	2749809	0.78	cps
Bismuth	209-2	1017890	1008298	1017376	1014521	0.53	cps
Bromine	81-1	4481	4461	4454	4465	0.31	cps
Cadmium	108-1	2817	2924	2804	2848	2.31	cps
Cadmium	106-1	5334	5261	4884	5160	4.68	cps
Cadmium	111-1	39955	40441	40371	40256	0.65	cps
Calcium	43-1	1466356	1506418	1514968	1495914	1.73	cps
Calcium	44-1	23752440	24312883	24420326	24161883	1.48	cps
Carbon	12-1	1123190	1156658	1174324	1151391	2.26	cps
Carbon	12-2	7632	7755	8019	7802	2.53	cps
Chlorine	35-1	32336845	34783748	35724714	34281769	5.10	cps
Chlorine	35-2	128574	130696	131561	130277	1.18	cps
Chromium	52-2	22010	22164	21697	21957	1.08	cps
Cobalt	59-2	52901	52640	52383	52641	0.49	cps
Copper	63-2	939977	939485	940217	939893	0.04	cps
Dysprosium	156-1	47093	48043	47614	47583	1.00	cps
Dysprosium	156-2	15449	15002	15152	15201	1.50	cps
Erbium	164-1	38576	39920	39886	39461	1.94	cps
Erbium	164-2	13036	13163	13464	13221	1.66	cps
Gadolinium	160-1	44266	44246	44738	44417	0.63	cps
Gadolinium	160-2	18059	17729	17769	17852	1.01	cps
Holmium	165-1	4204419	4198248	4191765	4198144	0.15	cps
Holmium	165-2	1377178	1372329	1364616	1371374	0.46	cps
Indium	115-1	3227077	3184114	3173479	3194890	0.89	cps
Indium	115-2	286206	285392	285811	285803	0.14	cps
Iron	54-2	3116847	3123661	3102093	3114200	0.35	cps
Iron	56-2	57921854	57763306	57715107	57800089	0.19	cps
Iron	57-2	1482178	1478820	1474397	1478465	0.26	cps
Krypton	83-1	97	107	113	106	7.95	cps
Lead	206-1	8817424	8825884	8855373	8832894	0.23	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7398863	7425668	7567665	7464065	1.22	cps
Lead	208-1	34488473	34354049	34848973	34563832	0.74	cps
Lithium	6-1	1217553	1220155	1193712	1210474	1.20	cps
Magnesium	24-2	475405	477060	475940	476135	0.18	cps
Manganese	55-2	2159596	2157542	2167290	2161476	0.24	cps
Molybdenum	94-1	15382	15822	15776	15660	1.55	cps
Molybdenum	95-1	11351	11525	11875	11584	2.30	cps
Molybdenum	96-1	13867	14765	14508	14380	3.21	cps
Molybdenum	97-1	7055	6878	7092	7008	1.63	cps
Molybdenum	98-1	18145	17975	17978	18033	0.54	cps
Neodymium	150-1	72783	73329	74401	73504	1.12	cps
Neodymium	150-2	17742	17645	17608	17665	0.39	cps
Nickel	60-2	55544	55652	55538	55578	0.11	cps
Phosphorus	31-2	1660	1653	1877	1730	7.35	cps
Potassium	39-2	181836	183564	181728	182376	0.57	cps
Rhodium	103-1	2869282	2864451	2881309	2871681	0.30	cps
Rhodium	103-2	1000231	995944	1007466	1001213	0.58	cps
Scandium	45-1	2015062	2009504	1999932	2008166	0.38	cps
Scandium	45-2	31715	32366	31474	31852	1.45	cps
Selenium	82-1	97	53	80	77	28.51	cps
Selenium	77-2	60	37	37	44	30.31	cps
Selenium	78-2	37	37	30	34	11.18	cps
Silicon	28-1	6971528	7061983	7213977	7082496	1.73	cps
Silver	107-1	86834	87800	87776	87470	0.63	cps
Silver	109-1	82471	83068	84410	83316	1.19	cps
Sodium	23-2	81663	81854	81499	81672	0.22	cps
Strontium	86-1	691697	707631	708955	702761	1.37	cps
Strontium	88-1	6305808	6361644	6342804	6336752	0.45	cps
Sulfur	34-1	114757	115825	117407	115996	1.15	cps
Terbium	159-1	4347984	4298682	4306805	4317824	0.61	cps
Terbium	159-2	1318187	1306403	1322108	1315566	0.62	cps
Thallium	203-1	7299	7489	7756	7514	3.05	cps
Thallium	205-1	18433	17896	18360	18230	1.60	cps
Tin	118-1	212949	214605	215753	214436	0.66	cps
Titanium	47-1	135499	138147	137131	136926	0.98	cps
Uranium	238-1	61307	62205	62560	62024	1.04	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-12 Instrumnet Name : P8
Client Sample ID : MH2H03 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:55:02 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57485	57826	58151	57820	0.58	cps
Ytterbium	172-1	11845	11976	12239	12020	1.67	cps
Ytterbium	172-2	4791	4981	4724	4832	2.76	cps
Ytterbium	176-1	7769	7889	7892	7850	0.90	cps
Ytterbium	176-2	3184	3067	3114	3122	1.88	cps
Yttrium	89-1	6000842	6041992	6037535	6026790	0.37	cps
Yttrium	89-2	374492	372886	372696	373358	0.26	cps
Zinc	66-2	794315	797302	795702	795773	0.19	cps
Zirconium	90-1	25306	25059	25594	25320	1.06	cps
Zirconium	91-1	5548	5618	5781	5649	2.12	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122930	123760	123179	123290	0.35	cps
Antimony	121-1	7355	6942	7252	7183	3.00	cps
Arsenic	75-2	983	1007	1043	1011	2.99	cps
Barium	135-1	372930	373944	374512	373795	0.21	cps
Barium	137-1	651175	649070	649241	649829	0.18	cps
Beryllium	9-1	2057	2100	2094	2084	1.10	cps
Bismuth	209-1	2439227	2499658	2420502	2453129	1.69	cps
Bismuth	209-2	876797	879779	872796	876457	0.40	cps
Bromine	81-1	4181	4127	4164	4157	0.66	cps
Cadmium	108-1	860	873	797	843	4.86	cps
Cadmium	106-1	2244	2240	2244	2242	0.09	cps
Cadmium	111-1	3665	3734	3816	3739	2.02	cps
Calcium	43-1	6509359	6517377	6572343	6533026	0.52	cps
Calcium	44-1	106112775	105441522	106545395	106033231	0.52	cps
Carbon	12-1	2375525	2456558	2504521	2445535	2.67	cps
Carbon	12-2	17394	17554	17614	17521	0.65	cps
Chlorine	35-1	35924624	37378202	38119939	37140921	3.01	cps
Chlorine	35-2	136958	137670	140702	138443	1.44	cps
Chromium	52-2	58947	60915	59684	59849	1.66	cps
Cobalt	59-2	20795	20809	20642	20749	0.45	cps
Copper	63-2	91130	91260	93857	92082	1.67	cps
Dysprosium	156-1	22459	22178	22215	22284	0.68	cps
Dysprosium	156-2	6939	7035	6932	6969	0.83	cps
Erbium	164-1	18129	18036	18226	18130	0.52	cps
Erbium	164-2	5895	6035	5851	5927	1.62	cps
Gadolinium	160-1	19585	20169	20416	20056	2.13	cps
Gadolinium	160-2	8046	7889	8233	8056	2.14	cps
Holmium	165-1	4179221	4195806	4186365	4187131	0.20	cps
Holmium	165-2	1314560	1316316	1320578	1317151	0.23	cps
Indium	115-1	3037109	3041607	3044347	3041021	0.12	cps
Indium	115-2	265483	269157	269038	267892	0.78	cps
Iron	54-2	957942	962450	962165	960852	0.26	cps
Iron	56-2	18511343	18917630	18580425	18669799	1.16	cps
Iron	57-2	445948	454292	448975	449738	0.94	cps
Krypton	83-1	67	87	67	73	15.75	cps
Lead	206-1	783585	784805	778528	782306	0.43	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	649346	647651	650136	649045	0.20	cps
Lead	208-1	3140103	3032675	3017299	3063359	2.18	cps
Lithium	6-1	1210865	1192820	1206225	1203303	0.78	cps
Magnesium	24-2	11058197	11129528	11106435	11098053	0.33	cps
Manganese	55-2	1004671	1013736	1002623	1007010	0.59	cps
Molybdenum	94-1	10481	10461	10197	10379	1.52	cps
Molybdenum	95-1	7866	7679	8206	7917	3.37	cps
Molybdenum	96-1	9420	9613	9844	9626	2.20	cps
Molybdenum	97-1	4724	4594	4701	4673	1.48	cps
Molybdenum	98-1	11828	12382	12639	12283	3.37	cps
Neodymium	150-1	34715	34825	34839	34793	0.20	cps
Neodymium	150-2	7979	8072	8383	8145	2.59	cps
Nickel	60-2	14551	15015	14848	14804	1.59	cps
Phosphorus	31-2	1847	1783	1943	1858	4.34	cps
Potassium	39-2	98235	98939	97866	98346	0.55	cps
Rhodium	103-1	2719875	2719440	2684925	2708080	0.74	cps
Rhodium	103-2	917897	931179	927941	925672	0.75	cps
Scandium	45-1	2000859	1918910	1931457	1950408	2.26	cps
Scandium	45-2	30165	30135	30579	30293	0.82	cps
Selenium	82-1	60	103	123	96	33.88	cps
Selenium	77-2	23	20	13	19	26.96	cps
Selenium	78-2	20	20	17	19	10.18	cps
Silicon	28-1	18884923	18921879	19053139	18953314	0.47	cps
Silver	107-1	4224	4364	4197	4262	2.10	cps
Silver	109-1	4164	4224	4254	4214	1.09	cps
Sodium	23-2	79495	80158	81147	80267	1.04	cps
Strontium	86-1	411666	413262	413311	412746	0.23	cps
Strontium	88-1	3749278	3800609	3755870	3768586	0.74	cps
Sulfur	34-1	115801	117240	116658	116566	0.62	cps
Terbium	159-1	4254203	4218827	4160041	4211024	1.13	cps
Terbium	159-2	1255897	1269025	1275154	1266692	0.78	cps
Thallium	203-1	1490	1400	1650	1513	8.37	cps
Thallium	205-1	3197	3404	3584	3395	5.70	cps
Tin	118-1	19417	19097	19591	19368	1.29	cps
Titanium	47-1	128152	128980	129218	128783	0.43	cps
Uranium	238-1	44130	44160	43919	44070	0.30	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-13 Instrumnet Name : P8
Client Sample ID : MH2H08 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 16:58:16 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26097	25466	26217	25927	1.56	cps
Ytterbium	172-1	5301	5428	5588	5439	2.64	cps
Ytterbium	172-2	2190	2137	2100	2142	2.11	cps
Ytterbium	176-1	3607	3741	3957	3768	4.69	cps
Ytterbium	176-2	1487	1460	1457	1468	1.12	cps
Yttrium	89-1	5618514	5689648	5608104	5638755	0.79	cps
Yttrium	89-2	343591	349049	346612	346417	0.79	cps
Zinc	66-2	102910	103551	103585	103349	0.37	cps
Zirconium	90-1	16046	16260	16196	16167	0.68	cps
Zirconium	91-1	3717	3557	3607	3627	2.26	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143159	142132	144418	143236	0.80	cps
Antimony	121-1	6455	6598	6975	6676	4.03	cps
Arsenic	75-2	1407	1443	1387	1412	2.04	cps
Barium	135-1	460826	468391	468455	465891	0.94	cps
Barium	137-1	800396	813705	820265	811456	1.25	cps
Beryllium	9-1	2402	2271	2375	2349	2.95	cps
Bismuth	209-1	2431905	2395133	2386632	2404556	1.00	cps
Bismuth	209-2	883429	878025	881239	880898	0.31	cps
Bromine	81-1	5068	5184	5271	5174	1.97	cps
Cadmium	108-1	800	837	910	849	6.60	cps
Cadmium	106-1	2307	2277	2374	2319	2.13	cps
Cadmium	111-1	7053	6986	6926	6988	0.91	cps
Calcium	43-1	6190965	6387136	6445817	6341306	2.10	cps
Calcium	44-1	101961205	104506612	105661308	104043042	1.82	cps
Carbon	12-1	1860377	1998474	1997425	1952092	4.07	cps
Carbon	12-2	14521	14247	13910	14226	2.15	cps
Chlorine	35-1	34368232	36673861	37339415	36127169	4.32	cps
Chlorine	35-2	135720	137526	138693	137313	1.09	cps
Chromium	52-2	29891	29297	29297	29495	1.16	cps
Cobalt	59-2	22858	22568	22605	22677	0.70	cps
Copper	63-2	157226	159190	159953	158790	0.89	cps
Dysprosium	156-1	24282	24473	24746	24500	0.95	cps
Dysprosium	156-2	7896	7769	7666	7777	1.48	cps
Erbium	164-1	19862	20329	20616	20269	1.88	cps
Erbium	164-2	6785	6598	7072	6818	3.50	cps
Gadolinium	160-1	21982	22262	22122	22122	0.63	cps
Gadolinium	160-2	8913	9040	9120	9024	1.16	cps
Holmium	165-1	4015616	4028013	4057766	4033798	0.54	cps
Holmium	165-2	1332592	1318979	1326640	1326070	0.51	cps
Indium	115-1	2936189	2960089	3019986	2972088	1.45	cps
Indium	115-2	267661	265963	264853	266159	0.53	cps
Iron	54-2	1092616	1102040	1100606	1098421	0.46	cps
Iron	56-2	21136671	21146518	21443463	21242217	0.82	cps
Iron	57-2	515926	511244	515728	514300	0.51	cps
Krypton	83-1	87	110	80	92	17.08	cps
Lead	206-1	1485898	1494208	1496516	1492207	0.37	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1256244	1255874	1270100	1260739	0.64	cps
Lead	208-1	6022052	6120148	6128820	6090340	0.97	cps
Lithium	6-1	1157253	1194238	1177177	1176223	1.57	cps
Magnesium	24-2	10867617	10856924	10917002	10880514	0.29	cps
Manganese	55-2	1031410	1034272	1040131	1035271	0.43	cps
Molybdenum	94-1	9573	9593	9550	9572	0.23	cps
Molybdenum	95-1	6722	6838	7132	6897	3.06	cps
Molybdenum	96-1	8363	8766	8800	8643	2.81	cps
Molybdenum	97-1	3974	4331	4327	4211	4.87	cps
Molybdenum	98-1	10984	10831	10821	10879	0.84	cps
Neodymium	150-1	34835	35971	36566	35791	2.46	cps
Neodymium	150-2	8503	8846	8813	8721	2.17	cps
Nickel	60-2	17981	18382	18482	18282	1.45	cps
Phosphorus	31-2	1847	1877	1880	1868	0.98	cps
Potassium	39-2	89867	89696	92031	90531	1.44	cps
Rhodium	103-1	2579052	2640261	2661533	2626949	1.63	cps
Rhodium	103-2	925027	920124	925740	923630	0.33	cps
Scandium	45-1	1885998	1902195	1931710	1906634	1.22	cps
Scandium	45-2	30816	29915	31257	30663	2.23	cps
Selenium	82-1	107	113	127	116	8.81	cps
Selenium	77-2	20	17	23	20	16.65	cps
Selenium	78-2	23	17	7	16	53.90	cps
Silicon	28-1	12445340	12680387	12875453	12667060	1.70	cps
Silver	107-1	9040	9206	9196	9148	1.02	cps
Silver	109-1	8286	9046	8576	8636	4.44	cps
Sodium	23-2	92849	94467	94101	93806	0.90	cps
Strontium	86-1	439447	450742	453309	447833	1.65	cps
Strontium	88-1	4032701	4093711	4154270	4093561	1.48	cps
Sulfur	34-1	107868	110651	111881	110133	1.87	cps
Terbium	159-1	4096886	4105861	4078717	4093821	0.34	cps
Terbium	159-2	1267500	1254394	1264527	1262140	0.54	cps
Thallium	203-1	2094	1967	2117	2059	3.92	cps
Thallium	205-1	4771	4834	4768	4791	0.78	cps
Tin	118-1	24345	25277	25364	24995	2.26	cps
Titanium	47-1	106528	107919	110307	108251	1.77	cps
Uranium	238-1	58163	59288	58293	58581	1.05	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-14 Instrumnet Name : P8
Client Sample ID : MH2H09 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:01:39 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30516	30168	31348	30677	1.98	cps
Ytterbium	172-1	6332	6021	6168	6174	2.51	cps
Ytterbium	172-2	2567	2627	2410	2535	4.41	cps
Ytterbium	176-1	4197	4334	4391	4307	2.31	cps
Ytterbium	176-2	1680	1683	1710	1691	0.97	cps
Yttrium	89-1	5494849	5560934	5592101	5549295	0.89	cps
Yttrium	89-2	351199	347488	346381	348356	0.72	cps
Zinc	66-2	159637	159027	159573	159412	0.21	cps
Zirconium	90-1	14751	15062	14594	14802	1.61	cps
Zirconium	91-1	3424	3647	3370	3480	4.22	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246751	244226	243847	244941	0.64	cps
Antimony	121-1	10708	11085	11068	10953	1.94	cps
Arsenic	75-2	2867	2914	2770	2850	2.57	cps
Barium	135-1	725831	749087	758558	744492	2.26	cps
Barium	137-1	1257115	1298736	1310080	1288644	2.16	cps
Beryllium	9-1	3206	3277	3376	3287	2.60	cps
Bismuth	209-1	2565035	2646575	2602990	2604867	1.57	cps
Bismuth	209-2	977745	972370	975904	975340	0.28	cps
Bromine	81-1	4664	5074	5254	4998	6.05	cps
Cadmium	108-1	767	870	973	870	11.88	cps
Cadmium	106-1	2494	2504	2667	2555	3.81	cps
Cadmium	111-1	12537	12842	13077	12819	2.11	cps
Calcium	43-1	1731809	1839380	1856130	1809106	3.73	cps
Calcium	44-1	28324750	29662326	29630900	29205992	2.61	cps
Carbon	12-1	1217191	1289576	1302362	1269710	3.62	cps
Carbon	12-2	8976	9376	9613	9322	3.45	cps
Chlorine	35-1	30897567	33269684	33999542	32722264	4.96	cps
Chlorine	35-2	124990	125438	125051	125160	0.19	cps
Chromium	52-2	21029	20849	20728	20869	0.72	cps
Cobalt	59-2	33159	33466	33559	33395	0.63	cps
Copper	63-2	284172	285846	288620	286212	0.78	cps
Dysprosium	156-1	41210	43504	43123	42612	2.88	cps
Dysprosium	156-2	13574	14144	13801	13839	2.08	cps
Erbium	164-1	34314	35357	35521	35064	1.87	cps
Erbium	164-2	12252	12022	12036	12103	1.07	cps
Gadolinium	160-1	37770	39298	39481	38850	2.42	cps
Gadolinium	160-2	16370	15833	16353	16185	1.89	cps
Holmium	165-1	4137291	4235752	4263907	4212317	1.58	cps
Holmium	165-2	1387568	1376320	1388067	1383985	0.48	cps
Indium	115-1	3114604	3168839	3192870	3158771	1.27	cps
Indium	115-2	284918	285569	284713	285067	0.16	cps
Iron	54-2	2021915	2029737	2016552	2022735	0.33	cps
Iron	56-2	36646508	36901838	36859742	36802696	0.37	cps
Iron	57-2	887919	884468	895291	889226	0.62	cps
Krypton	83-1	103	73	97	91	17.29	cps
Lead	206-1	3218324	3279309	3259971	3252535	0.96	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2710642	2759236	2771121	2747000	1.17	cps
Lead	208-1	12560554	12734020	12766244	12686939	0.87	cps
Lithium	6-1	1179586	1204396	1206338	1196773	1.25	cps
Magnesium	24-2	1370596	1334101	1329118	1344605	1.68	cps
Manganese	55-2	995119	997319	996644	996361	0.11	cps
Molybdenum	94-1	12602	13216	13113	12977	2.53	cps
Molybdenum	95-1	10224	10007	10824	10352	4.09	cps
Molybdenum	96-1	12429	12512	12916	12619	2.06	cps
Molybdenum	97-1	6008	6161	6425	6198	3.40	cps
Molybdenum	98-1	15973	15886	16043	15967	0.49	cps
Neodymium	150-1	63928	65237	67076	65414	2.42	cps
Neodymium	150-2	16036	16100	15933	16023	0.53	cps
Nickel	60-2	30917	30005	30543	30488	1.50	cps
Phosphorus	31-2	1710	1677	1470	1619	8.03	cps
Potassium	39-2	131411	131253	130520	131061	0.36	cps
Rhodium	103-1	2783708	2861966	2868622	2838099	1.66	cps
Rhodium	103-2	1006272	1012073	1015968	1011437	0.48	cps
Scandium	45-1	1938544	2021953	2026668	1995722	2.48	cps
Scandium	45-2	32256	31471	32674	32134	1.90	cps
Selenium	82-1	93	170	67	110	48.77	cps
Selenium	77-2	60	90	47	66	33.85	cps
Selenium	78-2	37	33	27	32	15.80	cps
Silicon	28-1	9072136	9322291	9603058	9332495	2.85	cps
Silver	107-1	19921	21070	21093	20694	3.24	cps
Silver	109-1	19527	19791	20021	19780	1.25	cps
Sodium	23-2	130134	132003	131717	131285	0.77	cps
Strontium	86-1	552538	574321	583808	570222	2.81	cps
Strontium	88-1	5072691	5190973	5281020	5181561	2.02	cps
Sulfur	34-1	110914	111978	113789	112227	1.30	cps
Terbium	159-1	4177974	4287657	4317467	4261033	1.72	cps
Terbium	159-2	1311071	1316251	1323446	1316923	0.47	cps
Thallium	203-1	3944	3991	4097	4011	1.96	cps
Thallium	205-1	8973	9394	9734	9367	4.07	cps
Tin	118-1	216886	223961	227378	222742	2.40	cps
Titanium	47-1	109457	112046	114975	112160	2.46	cps
Uranium	238-1	54152	55725	55759	55212	1.66	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-15 Instrumnet Name : P8
Client Sample ID : MH2H10 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:05:00 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	51392	51362	51255	51336	0.14	cps
Ytterbium	172-1	9964	10711	10831	10502	4.47	cps
Ytterbium	172-2	4354	4304	4354	4337	0.67	cps
Ytterbium	176-1	6795	6925	7035	6919	1.74	cps
Ytterbium	176-2	2974	2847	2860	2894	2.41	cps
Yttrium	89-1	5840697	5915992	5979444	5912044	1.17	cps
Yttrium	89-2	372263	376326	376160	374917	0.61	cps
Zinc	66-2	277054	282558	283948	281187	1.30	cps
Zirconium	90-1	19147	20839	19934	19973	4.24	cps
Zirconium	91-1	4334	4524	4404	4421	2.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289525	292118	289059	290234	0.57	cps
Antimony	121-1	9864	10264	10057	10062	1.99	cps
Arsenic	75-2	2930	3200	3007	3046	4.57	cps
Barium	135-1	823842	841335	854715	839964	1.84	cps
Barium	137-1	1428514	1458743	1467666	1451641	1.41	cps
Beryllium	9-1	3826	4049	3830	3902	3.27	cps
Bismuth	209-1	2683227	2729503	2724831	2712520	0.94	cps
Bismuth	209-2	996075	1002533	1001768	1000126	0.35	cps
Bromine	81-1	6265	6121	6025	6137	1.97	cps
Cadmium	108-1	1060	1157	1143	1120	4.68	cps
Cadmium	106-1	2907	2967	2944	2939	1.03	cps
Cadmium	111-1	15957	16429	16369	16252	1.58	cps
Calcium	43-1	1958641	1984566	1971771	1971659	0.66	cps
Calcium	44-1	31272823	32088660	32082225	31814569	1.47	cps
Carbon	12-1	1323671	1362887	1386674	1357744	2.34	cps
Carbon	12-2	9550	9383	9677	9537	1.54	cps
Chlorine	35-1	33058180	35534314	36481792	35024762	5.05	cps
Chlorine	35-2	132453	132362	133922	132912	0.66	cps
Chromium	52-2	24394	24681	24354	24477	0.73	cps
Cobalt	59-2	39097	39144	40116	39452	1.46	cps
Copper	63-2	396732	398331	399359	398140	0.33	cps
Dysprosium	156-1	49551	50662	51090	50435	1.57	cps
Dysprosium	156-2	15849	15843	15843	15845	0.02	cps
Erbium	164-1	41364	41464	42705	41844	1.78	cps
Erbium	164-2	13610	13887	13774	13757	1.01	cps
Gadolinium	160-1	44608	45902	45487	45332	1.46	cps
Gadolinium	160-2	18376	18857	18516	18583	1.33	cps
Holmium	165-1	4197716	4387143	4361798	4315552	2.38	cps
Holmium	165-2	1395712	1389859	1384960	1390177	0.39	cps
Indium	115-1	3172298	3197621	3306684	3225535	2.21	cps
Indium	115-2	287899	288445	288269	288204	0.10	cps
Iron	54-2	2470441	2485687	2490631	2482253	0.42	cps
Iron	56-2	44776648	44829284	45404789	45003574	0.77	cps
Iron	57-2	1090408	1085650	1089674	1088577	0.24	cps
Krypton	83-1	93	117	120	110	13.21	cps
Lead	206-1	5089419	5272887	5223154	5195153	1.83	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4473199	4544314	4528130	4515214	0.83	cps
Lead	208-1	20306927	20772306	20477480	20518904	1.15	cps
Lithium	6-1	1153414	1194662	1179121	1175733	1.77	cps
Magnesium	24-2	1043309	1056519	1050384	1050070	0.63	cps
Manganese	55-2	1435773	1448152	1443133	1442353	0.43	cps
Molybdenum	94-1	15045	15809	15702	15519	2.67	cps
Molybdenum	95-1	11104	11218	11568	11297	2.14	cps
Molybdenum	96-1	13834	14127	14301	14087	1.68	cps
Molybdenum	97-1	6642	7022	7295	6986	4.70	cps
Molybdenum	98-1	17575	18452	18596	18208	3.04	cps
Neodymium	150-1	73577	75953	76516	75349	2.07	cps
Neodymium	150-2	17558	18026	18383	17989	2.30	cps
Nickel	60-2	50118	50503	49700	50107	0.80	cps
Phosphorus	31-2	1640	1837	1560	1679	8.48	cps
Potassium	39-2	149161	147411	149882	148818	0.85	cps
Rhodium	103-1	2849262	2930700	2936539	2905500	1.68	cps
Rhodium	103-2	1019992	1027927	1024861	1024260	0.39	cps
Scandium	45-1	2026626	2062190	2056408	2048408	0.93	cps
Scandium	45-2	31955	32116	32280	32117	0.50	cps
Selenium	82-1	97	73	97	89	15.16	cps
Selenium	77-2	57	67	50	58	14.52	cps
Selenium	78-2	23	47	27	32	39.17	cps
Silicon	28-1	12281189	12602646	12685284	12523040	1.70	cps
Silver	107-1	27344	27928	28656	27976	2.35	cps
Silver	109-1	26786	26876	27371	27011	1.16	cps
Sodium	23-2	136696	138900	138833	138143	0.91	cps
Strontium	86-1	648507	662542	669528	660192	1.62	cps
Strontium	88-1	5891604	5896910	5974942	5921152	0.79	cps
Sulfur	34-1	118238	119272	121861	119790	1.56	cps
Terbium	159-1	4340351	4341112	4451122	4377528	1.46	cps
Terbium	159-2	1325899	1338711	1338563	1334391	0.55	cps
Thallium	203-1	4254	4391	4291	4312	1.64	cps
Thallium	205-1	10077	10294	10531	10301	2.20	cps
Tin	118-1	472565	484631	490356	482517	1.88	cps
Titanium	47-1	133446	137942	137992	136460	1.91	cps
Uranium	238-1	60457	61800	62094	61450	1.42	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-16 Instrumnet Name : P8
Client Sample ID : MH2H11 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:08:19 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	58984	59269	58439	58897	0.72	cps
Ytterbium	172-1	12029	12923	12893	12615	4.03	cps
Ytterbium	172-2	4824	5218	4818	4953	4.63	cps
Ytterbium	176-1	8246	8173	8133	8184	0.70	cps
Ytterbium	176-2	3220	3340	3250	3270	1.91	cps
Yttrium	89-1	6089738	6140214	6290244	6173398	1.69	cps
Yttrium	89-2	384255	384853	386751	385286	0.34	cps
Zinc	66-2	381185	384439	380327	381984	0.57	cps
Zirconium	90-1	24181	24829	24608	24539	1.34	cps
Zirconium	91-1	5358	5531	5374	5421	1.76	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107507	107046	106214	106922	0.61	cps
Antimony	121-1	5328	5451	5451	5410	1.32	cps
Arsenic	75-2	933	937	950	940	0.94	cps
Barium	135-1	330350	333146	333639	332379	0.53	cps
Barium	137-1	578513	580851	581382	580248	0.26	cps
Beryllium	9-1	1877	1874	1866	1872	0.31	cps
Bismuth	209-1	2394819	2446644	2382935	2408133	1.41	cps
Bismuth	209-2	880241	874245	879481	877989	0.37	cps
Bromine	81-1	4207	4251	4021	4160	2.94	cps
Cadmium	108-1	250	287	317	284	11.74	cps
Cadmium	106-1	1607	1710	1690	1669	3.28	cps
Cadmium	111-1	3803	3737	3578	3706	3.12	cps
Calcium	43-1	6338680	6315171	6346726	6333526	0.26	cps
Calcium	44-1	103575635	103537315	103867552	103660167	0.17	cps
Carbon	12-1	1743969	1829850	1847244	1807021	3.06	cps
Carbon	12-2	13289	13600	13233	13374	1.48	cps
Chlorine	35-1	32137779	34010220	34449827	33532609	3.66	cps
Chlorine	35-2	124688	124913	126507	125369	0.79	cps
Chromium	52-2	48920	48264	46833	48006	2.22	cps
Cobalt	59-2	22561	21606	21887	22018	2.23	cps
Copper	63-2	81133	81244	81428	81268	0.18	cps
Dysprosium	156-1	21103	20489	20926	20840	1.52	cps
Dysprosium	156-2	6518	6508	6518	6515	0.09	cps
Erbium	164-1	16917	17231	16534	16894	2.07	cps
Erbium	164-2	5331	5511	5448	5430	1.68	cps
Gadolinium	160-1	18693	18677	18917	18762	0.72	cps
Gadolinium	160-2	7512	7526	7596	7544	0.59	cps
Holmium	165-1	4025405	4134279	4078391	4079359	1.33	cps
Holmium	165-2	1306018	1302648	1304170	1304279	0.13	cps
Indium	115-1	2971116	3009434	2973970	2984840	0.72	cps
Indium	115-2	264962	263329	265736	264676	0.46	cps
Iron	54-2	925884	926258	920511	924218	0.35	cps
Iron	56-2	17848673	17762479	17891451	17834201	0.37	cps
Iron	57-2	430276	430720	429612	430203	0.13	cps
Krypton	83-1	77	97	73	82	15.35	cps
Lead	206-1	756731	759636	759720	758696	0.22	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	626569	635311	630724	630868	0.69	cps
Lead	208-1	2943888	2950447	2943709	2946015	0.13	cps
Lithium	6-1	1126424	1150102	1159059	1145195	1.47	cps
Magnesium	24-2	10936131	10887040	10873492	10898888	0.30	cps
Manganese	55-2	919950	925345	922222	922506	0.29	cps
Molybdenum	94-1	9490	9293	9593	9459	1.61	cps
Molybdenum	95-1	7676	7275	7749	7567	3.37	cps
Molybdenum	96-1	9140	9190	9013	9114	1.00	cps
Molybdenum	97-1	4681	4541	4621	4614	1.52	cps
Molybdenum	98-1	12115	11572	11912	11866	2.32	cps
Neodymium	150-1	30865	31460	31467	31264	1.10	cps
Neodymium	150-2	7509	7455	7469	7478	0.37	cps
Nickel	60-2	14191	14097	13837	14041	1.31	cps
Phosphorus	31-2	1590	1703	1610	1635	3.70	cps
Potassium	39-2	75261	74996	74765	75008	0.33	cps
Rhodium	103-1	2678530	2683726	2661481	2674579	0.44	cps
Rhodium	103-2	925400	910527	921435	919121	0.84	cps
Scandium	45-1	1909956	1932046	1956414	1932805	1.20	cps
Scandium	45-2	30572	30175	29504	30084	1.80	cps
Selenium	82-1	83	57	60	67	21.79	cps
Selenium	77-2	10	20	37	22	60.63	cps
Selenium	78-2	17	17	30	21	36.45	cps
Silicon	28-1	15255744	15427225	15414327	15365765	0.62	cps
Silver	107-1	3864	3894	3834	3864	0.78	cps
Silver	109-1	3831	3627	3704	3721	2.76	cps
Sodium	23-2	72737	72040	72110	72296	0.53	cps
Strontium	86-1	361373	362284	363125	362261	0.24	cps
Strontium	88-1	3285579	3306155	3305771	3299168	0.36	cps
Sulfur	34-1	107985	107465	107874	107775	0.25	cps
Terbium	159-1	4139497	4205263	4139171	4161310	0.91	cps
Terbium	159-2	1262235	1240869	1247172	1250092	0.88	cps
Thallium	203-1	1067	1067	1183	1106	6.09	cps
Thallium	205-1	2740	2764	2837	2780	1.81	cps
Tin	118-1	13660	14004	13994	13886	1.41	cps
Titanium	47-1	110605	110937	110084	110542	0.39	cps
Uranium	238-1	38488	38930	37947	38455	1.28	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-17 Instrumnet Name : P8
Client Sample ID : MH2H12 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:11:36 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23329	23590	23262	23394	0.74	cps
Ytterbium	172-1	4914	5048	4948	4970	1.40	cps
Ytterbium	172-2	1813	2020	1877	1903	5.56	cps
Ytterbium	176-1	3524	3577	3407	3503	2.48	cps
Ytterbium	176-2	1317	1363	1213	1298	5.92	cps
Yttrium	89-1	5499619	5598959	5521806	5540128	0.94	cps
Yttrium	89-2	340495	338735	339695	339642	0.26	cps
Zinc	66-2	96609	95522	96629	96254	0.66	cps
Zirconium	90-1	14004	14187	14067	14086	0.66	cps
Zirconium	91-1	3140	3247	3290	3226	2.39	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238849	239780	234699	237776	1.14	cps
Antimony	121-1	11485	11692	11708	11628	1.07	cps
Arsenic	75-2	2877	2837	2890	2868	0.97	cps
Barium	135-1	743543	766638	774909	761697	2.13	cps
Barium	137-1	1293447	1326045	1338656	1319383	1.77	cps
Beryllium	9-1	3402	3450	3561	3471	2.35	cps
Bismuth	209-1	2558937	2562111	2576840	2565962	0.37	cps
Bismuth	209-2	933446	930731	931938	932038	0.15	cps
Bromine	81-1	5831	6468	6522	6274	6.12	cps
Cadmium	108-1	880	900	997	926	6.74	cps
Cadmium	106-1	2657	2707	2744	2703	1.61	cps
Cadmium	111-1	12919	13634	13675	13409	3.17	cps
Calcium	43-1	3151789	3268997	3296166	3238984	2.37	cps
Calcium	44-1	51619844	53131868	53940423	52897378	2.23	cps
Carbon	12-1	2374608	2574503	2609870	2519660	5.03	cps
Carbon	12-2	18675	18285	18265	18408	1.26	cps
Chlorine	35-1	31066742	33737429	34662647	33155606	5.63	cps
Chlorine	35-2	127451	127307	127990	127583	0.28	cps
Chromium	52-2	42854	41904	42115	42291	1.18	cps
Cobalt	59-2	34358	34151	35113	34541	1.47	cps
Copper	63-2	305217	308803	306135	306718	0.61	cps
Dysprosium	156-1	37643	38796	38766	38402	1.71	cps
Dysprosium	156-2	12146	12172	12162	12160	0.11	cps
Erbium	164-1	31397	32303	32857	32186	2.29	cps
Erbium	164-2	10754	10568	10571	10631	1.01	cps
Gadolinium	160-1	34077	35019	35821	34972	2.50	cps
Gadolinium	160-2	13967	14284	14301	14184	1.33	cps
Holmium	165-1	4147080	4147742	4210554	4168459	0.87	cps
Holmium	165-2	1338492	1348394	1339869	1342252	0.40	cps
Indium	115-1	3032873	3127762	3145152	3101929	1.95	cps
Indium	115-2	275539	275861	273168	274856	0.54	cps
Iron	54-2	2290493	2250699	2290952	2277381	1.01	cps
Iron	56-2	41892724	41305476	41653643	41617281	0.71	cps
Iron	57-2	998084	999892	1004258	1000745	0.32	cps
Krypton	83-1	100	93	80	91	11.18	cps
Lead	206-1	3548669	3637472	3738491	3641544	2.61	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2993979	3056963	3062604	3037849	1.25	cps
Lead	208-1	13768865	14091477	14329794	14063379	2.00	cps
Lithium	6-1	1132222	1172313	1195269	1166601	2.74	cps
Magnesium	24-2	3910550	3878689	3849173	3879471	0.79	cps
Manganese	55-2	1248674	1238323	1246274	1244424	0.44	cps
Molybdenum	94-1	15185	15916	15782	15628	2.49	cps
Molybdenum	95-1	9970	10641	10501	10371	3.41	cps
Molybdenum	96-1	13063	13947	13357	13455	3.35	cps
Molybdenum	97-1	6585	6618	6745	6649	1.27	cps
Molybdenum	98-1	16450	17091	17081	16874	2.18	cps
Neodymium	150-1	56394	57606	57623	57208	1.23	cps
Neodymium	150-2	14024	13767	13901	13897	0.92	cps
Nickel	60-2	31522	31565	30840	31309	1.30	cps
Phosphorus	31-2	2094	1927	1957	1992	4.46	cps
Potassium	39-2	131593	130779	131146	131173	0.31	cps
Rhodium	103-1	2754807	2771126	2800027	2775320	0.83	cps
Rhodium	103-2	972423	975259	967763	971815	0.39	cps
Scandium	45-1	1933492	1918320	1992143	1947985	2.00	cps
Scandium	45-2	31334	31378	31291	31334	0.14	cps
Selenium	82-1	77	93	173	114	45.15	cps
Selenium	77-2	40	67	47	51	27.15	cps
Selenium	78-2	33	37	43	38	13.48	cps
Silicon	28-1	13700465	14265263	14329539	14098422	2.46	cps
Silver	107-1	20028	21190	21567	20928	3.83	cps
Silver	109-1	19934	20188	20459	20194	1.30	cps
Sodium	23-2	107723	109080	108412	108405	0.63	cps
Strontium	86-1	665955	687904	697411	683757	2.36	cps
Strontium	88-1	6047500	6288503	6365833	6233945	2.66	cps
Sulfur	34-1	116067	120002	119568	118546	1.82	cps
Terbium	159-1	4189760	4239606	4233496	4220954	0.64	cps
Terbium	159-2	1288493	1284159	1288636	1287096	0.20	cps
Thallium	203-1	3134	2980	3020	3045	2.61	cps
Thallium	205-1	6955	6975	6975	6969	0.17	cps
Tin	118-1	42766	44552	45074	44131	2.74	cps
Titanium	47-1	165209	170750	173336	169765	2.45	cps
Uranium	238-1	72134	74930	74400	73822	2.01	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-18 Instrumnet Name : P8
Client Sample ID : MH2H13 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:14:59 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50749	50499	51001	50750	0.49	cps
Ytterbium	172-1	9450	10191	10367	10003	4.87	cps
Ytterbium	172-2	4151	3997	4047	4065	1.92	cps
Ytterbium	176-1	6652	6385	6772	6603	3.00	cps
Ytterbium	176-2	2550	2690	2567	2603	2.94	cps
Yttrium	89-1	5753726	5835270	5931353	5840116	1.52	cps
Yttrium	89-2	362950	364634	360097	362560	0.63	cps
Zinc	66-2	354740	356107	358194	356347	0.49	cps
Zirconium	90-1	25634	26118	26452	26068	1.58	cps
Zirconium	91-1	5848	5875	6018	5914	1.55	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280390	281461	281228	281026	0.20	cps
Antimony	121-1	11051	11191	11208	11150	0.77	cps
Arsenic	75-2	3504	3651	3591	3582	2.06	cps
Barium	135-1	897934	924957	923064	915319	1.65	cps
Barium	137-1	1664380	1732482	1712095	1702986	2.05	cps
Beryllium	9-1	3661	3829	3850	3780	2.74	cps
Bismuth	209-1	2597596	2682126	2607173	2628965	1.76	cps
Bismuth	209-2	960925	969017	972801	967581	0.63	cps
Bromine	81-1	5264	5588	6068	5640	7.17	cps
Cadmium	108-1	1320	1310	1293	1308	1.03	cps
Cadmium	106-1	3120	3260	3254	3212	2.46	cps
Cadmium	111-1	18368	19604	20158	19377	4.73	cps
Calcium	43-1	1838346	1912881	1906539	1885922	2.19	cps
Calcium	44-1	29628260	30459046	31039757	30375688	2.34	cps
Carbon	12-1	1525317	1647259	1610273	1594283	3.92	cps
Carbon	12-2	11241	11238	11078	11185	0.84	cps
Chlorine	35-1	30937251	33625585	34479290	33014042	5.60	cps
Chlorine	35-2	125549	125003	127179	125910	0.90	cps
Chromium	52-2	23660	24705	24040	24135	2.19	cps
Cobalt	59-2	41992	41163	41407	41520	1.03	cps
Copper	63-2	403782	405498	406820	405367	0.38	cps
Dysprosium	156-1	46641	46868	48414	47308	2.04	cps
Dysprosium	156-2	15339	15069	15255	15221	0.91	cps
Erbium	164-1	38198	39843	40468	39503	2.97	cps
Erbium	164-2	13213	13604	13283	13367	1.56	cps
Gadolinium	160-1	42086	43818	44624	43510	2.98	cps
Gadolinium	160-2	18132	17729	17732	17864	1.30	cps
Holmium	165-1	4095178	4240325	4272025	4202509	2.24	cps
Holmium	165-2	1352978	1367542	1370227	1363582	0.68	cps
Indium	115-1	3098723	3188629	3152807	3146720	1.44	cps
Indium	115-2	279412	283667	280524	281201	0.78	cps
Iron	54-2	2449174	2454340	2497049	2466855	1.07	cps
Iron	56-2	45423863	45105249	45536599	45355237	0.49	cps
Iron	57-2	1093702	1093948	1097776	1095142	0.21	cps
Krypton	83-1	87	113	97	99	13.62	cps
Lead	206-1	4079085	4152937	4172334	4134786	1.19	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3408221	3437146	3485989	3443785	1.14	cps
Lead	208-1	15793184	16036124	16080449	15969919	0.97	cps
Lithium	6-1	1142780	1161131	1157321	1153744	0.84	cps
Magnesium	24-2	803578	803832	806063	804491	0.17	cps
Manganese	55-2	1289843	1288874	1304387	1294368	0.67	cps
Molybdenum	94-1	15242	16263	16086	15864	3.44	cps
Molybdenum	95-1	10404	10721	10721	10615	1.72	cps
Molybdenum	96-1	13336	13460	13690	13496	1.33	cps
Molybdenum	97-1	6672	6475	6468	6538	1.77	cps
Molybdenum	98-1	17124	17187	17464	17259	1.05	cps
Neodymium	150-1	70166	73383	73292	72280	2.53	cps
Neodymium	150-2	17715	17578	17805	17700	0.65	cps
Nickel	60-2	36814	36851	36634	36766	0.32	cps
Phosphorus	31-2	1657	1727	1803	1729	4.24	cps
Potassium	39-2	151859	153452	154089	153133	0.75	cps
Rhodium	103-1	2815790	2848636	2853189	2839205	0.72	cps
Rhodium	103-2	990484	1001037	990559	994026	0.61	cps
Scandium	45-1	1927906	1998908	1985716	1970843	1.92	cps
Scandium	45-2	30699	31401	31952	31351	2.00	cps
Selenium	82-1	97	97	110	101	7.61	cps
Selenium	77-2	83	47	33	54	47.55	cps
Selenium	78-2	23	43	20	29	43.68	cps
Silicon	28-1	11602594	12315390	12121176	12013054	3.07	cps
Silver	107-1	33427	33988	33982	33799	0.95	cps
Silver	109-1	31680	33023	32983	32562	2.35	cps
Sodium	23-2	127820	128731	129482	128678	0.65	cps
Strontium	86-1	688144	715083	720630	707952	2.45	cps
Strontium	88-1	6200609	6451491	6450673	6367591	2.27	cps
Sulfur	34-1	111441	115737	114467	113882	1.94	cps
Terbium	159-1	4210232	4310740	4254529	4258500	1.18	cps
Terbium	159-2	1290472	1302593	1294493	1295853	0.48	cps
Thallium	203-1	3874	4014	4067	3985	2.51	cps
Thallium	205-1	9353	9684	9884	9640	2.78	cps
Tin	118-1	50091	51085	51015	50730	1.09	cps
Titanium	47-1	139542	144239	144098	142626	1.87	cps
Uranium	238-1	65260	65525	66507	65764	1.00	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-19 Instrumnet Name : P8
Client Sample ID : MH2H14 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:18:16 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57150	57515	57137	57267	0.37	cps
Ytterbium	172-1	11662	12269	12326	12086	3.05	cps
Ytterbium	172-2	4668	4878	4938	4828	2.94	cps
Ytterbium	176-1	7552	8056	7792	7800	3.23	cps
Ytterbium	176-2	3100	3324	3124	3183	3.86	cps
Yttrium	89-1	5851240	5938327	5968474	5919347	1.03	cps
Yttrium	89-2	369316	373895	372389	371867	0.63	cps
Zinc	66-2	422603	416653	417947	419068	0.75	cps
Zirconium	90-1	25517	27317	27050	26628	3.65	cps
Zirconium	91-1	5691	6025	6078	5931	3.53	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243856	241608	241440	242301	0.56	cps
Antimony	121-1	10374	10634	10454	10487	1.27	cps
Arsenic	75-2	3054	2924	2794	2924	4.45	cps
Barium	135-1	786855	799865	803965	796895	1.12	cps
Barium	137-1	1359586	1397924	1401889	1386466	1.69	cps
Beryllium	9-1	2944	3030	2941	2972	1.70	cps
Bismuth	209-1	2688224	2670888	2681736	2680283	0.33	cps
Bismuth	209-2	974989	983596	985217	981267	0.56	cps
Bromine	81-1	4978	5444	5651	5358	6.44	cps
Cadmium	108-1	943	1070	957	990	7.03	cps
Cadmium	106-1	2690	2620	2494	2601	3.83	cps
Cadmium	111-1	13382	14255	13879	13838	3.17	cps
Calcium	43-1	1333346	1340310	1383043	1352233	1.99	cps
Calcium	44-1	21414428	21684266	22109856	21736183	1.61	cps
Carbon	12-1	1181865	1240309	1245628	1222601	2.89	cps
Carbon	12-2	8473	8506	8169	8382	2.21	cps
Chlorine	35-1	31603915	33474567	34143512	33073998	3.98	cps
Chlorine	35-2	123827	124607	124792	124409	0.41	cps
Chromium	52-2	22044	22030	22214	22096	0.46	cps
Cobalt	59-2	34929	34589	35434	34984	1.22	cps
Copper	63-2	322956	324230	325097	324094	0.33	cps
Dysprosium	156-1	45106	47219	46999	46441	2.50	cps
Dysprosium	156-2	14802	15152	15402	15119	2.00	cps
Erbium	164-1	37687	38680	38589	38318	1.43	cps
Erbium	164-2	12443	12649	12813	12635	1.47	cps
Gadolinium	160-1	41558	42855	42972	42462	1.85	cps
Gadolinium	160-2	17398	16660	17218	17092	2.25	cps
Holmium	165-1	4319079	4229856	4259536	4269490	1.06	cps
Holmium	165-2	1358038	1363468	1378865	1366790	0.79	cps
Indium	115-1	3220867	3200709	3208974	3210184	0.32	cps
Indium	115-2	282039	283697	285063	283600	0.53	cps
Iron	54-2	2029214	2023937	2026438	2026530	0.13	cps
Iron	56-2	36390206	36773425	36814479	36659370	0.64	cps
Iron	57-2	883902	884033	895093	887676	0.72	cps
Krypton	83-1	93	83	80	86	8.11	cps
Lead	206-1	2964329	3000704	3053073	3006035	1.48	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2502591	2509341	2567093	2526342	1.40	cps
Lead	208-1	11537575	11689655	11891697	11706309	1.52	cps
Lithium	6-1	1173252	1186235	1173603	1177697	0.63	cps
Magnesium	24-2	630121	631003	628917	630014	0.17	cps
Manganese	55-2	952584	952173	956557	953771	0.25	cps
Molybdenum	94-1	12949	12669	13040	12886	1.50	cps
Molybdenum	95-1	9940	10441	10664	10348	3.58	cps
Molybdenum	96-1	12396	12586	12893	12625	1.99	cps
Molybdenum	97-1	6265	6201	6211	6226	0.55	cps
Molybdenum	98-1	16166	16727	16577	16490	1.76	cps
Neodymium	150-1	69395	71713	72642	71250	2.35	cps
Neodymium	150-2	17094	17124	17234	17151	0.43	cps
Nickel	60-2	35624	35417	36126	35723	1.02	cps
Phosphorus	31-2	1643	1603	1583	1610	1.90	cps
Potassium	39-2	134261	135058	133944	134421	0.43	cps
Rhodium	103-1	2907221	2903884	2910436	2907180	0.11	cps
Rhodium	103-2	1002915	1005882	1008891	1005896	0.30	cps
Scandium	45-1	1990796	1973786	2040394	2001659	1.73	cps
Scandium	45-2	31027	31648	31017	31231	1.16	cps
Selenium	82-1	93	120	93	102	15.06	cps
Selenium	77-2	50	50	40	47	12.37	cps
Selenium	78-2	30	27	43	33	26.45	cps
Silicon	28-1	7776838	7876419	7889114	7847457	0.78	cps
Silver	107-1	23781	24448	24068	24099	1.39	cps
Silver	109-1	22769	22909	23417	23032	1.48	cps
Sodium	23-2	119302	117864	119978	119048	0.91	cps
Strontium	86-1	514116	522942	526254	521104	1.20	cps
Strontium	88-1	4630936	4739156	4774400	4714831	1.59	cps
Sulfur	34-1	105319	107975	108237	107177	1.51	cps
Terbium	159-1	4297757	4386897	4327132	4337262	1.05	cps
Terbium	159-2	1300085	1308119	1325590	1311265	0.99	cps
Thallium	203-1	4084	4214	4094	4131	1.75	cps
Thallium	205-1	10081	10378	9967	10142	2.09	cps
Tin	118-1	42075	43482	43118	42891	1.70	cps
Titanium	47-1	100307	101888	104372	102189	2.01	cps
Uranium	238-1	51668	52997	52063	52243	1.31	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-20 Instrumnet Name : P8
Client Sample ID : MH2H15 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:21:34 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	52897	52703	52609	52737	0.28	cps
Ytterbium	172-1	10875	11328	11475	11226	2.79	cps
Ytterbium	172-2	4574	4808	4404	4595	4.41	cps
Ytterbium	176-1	7422	7412	7302	7379	0.90	cps
Ytterbium	176-2	2827	2784	2944	2851	2.90	cps
Yttrium	89-1	6017733	6002816	6097238	6039262	0.84	cps
Yttrium	89-2	371225	372748	372185	372053	0.21	cps
Zinc	66-2	293825	299431	300151	297802	1.16	cps
Zirconium	90-1	18269	19554	19300	19041	3.57	cps
Zirconium	91-1	3994	4367	4334	4232	4.88	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75143	76024	76500	75889	0.91	cps
Antimony	121-1	3971	4127	3687	3928	5.68	cps
Arsenic	75-2	730	643	633	669	7.95	cps
Barium	135-1	249680	252718	251883	251427	0.62	cps
Barium	137-1	435659	437396	435257	436104	0.26	cps
Beryllium	9-1	1384	1415	1315	1371	3.73	cps
Bismuth	209-1	2333666	2375686	2386658	2365336	1.18	cps
Bismuth	209-2	858922	854451	865767	859713	0.66	cps
Bromine	81-1	4237	4307	4371	4305	1.55	cps
Cadmium	108-1	243	247	240	243	1.37	cps
Cadmium	106-1	1447	1567	1537	1517	4.12	cps
Cadmium	111-1	3033	2961	2805	2933	3.98	cps
Calcium	43-1	6468194	6460233	6424627	6451018	0.36	cps
Calcium	44-1	105466312	104575558	105411695	105151188	0.47	cps
Carbon	12-1	1604756	1662431	1662886	1643358	2.03	cps
Carbon	12-2	12125	12018	11848	11997	1.16	cps
Chlorine	35-1	31541538	32483664	33215660	32413620	2.59	cps
Chlorine	35-2	120405	119286	119226	119639	0.56	cps
Chromium	52-2	39394	39203	39458	39352	0.34	cps
Cobalt	59-2	15992	16273	16296	16187	1.04	cps
Copper	63-2	56850	57111	56010	56657	1.02	cps
Dysprosium	156-1	17001	16921	17044	16989	0.37	cps
Dysprosium	156-2	4784	5241	5378	5134	6.05	cps
Erbium	164-1	13520	13407	13841	13589	1.66	cps
Erbium	164-2	4444	4631	4484	4520	2.18	cps
Gadolinium	160-1	14945	15940	15212	15366	3.35	cps
Gadolinium	160-2	5931	6088	6208	6076	2.28	cps
Holmium	165-1	3999233	4082322	4047959	4043171	1.03	cps
Holmium	165-2	1290428	1285974	1290621	1289008	0.20	cps
Indium	115-1	2924001	2992412	2960331	2958914	1.16	cps
Indium	115-2	258785	258835	259450	259023	0.14	cps
Iron	54-2	641406	637781	641441	640210	0.33	cps
Iron	56-2	12429021	12381145	12289280	12366482	0.57	cps
Iron	57-2	300643	299118	300420	300060	0.27	cps
Krypton	83-1	97	110	80	96	15.73	cps
Lead	206-1	484567	484356	485314	484746	0.10	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	402061	404130	402535	402909	0.27	cps
Lead	208-1	1871054	1877064	1874903	1874340	0.16	cps
Lithium	6-1	1094268	1119583	1123931	1112594	1.44	cps
Magnesium	24-2	11344055	11140998	11200527	11228527	0.93	cps
Manganese	55-2	824563	821091	818913	821522	0.35	cps
Molybdenum	94-1	8042	7739	8102	7961	2.45	cps
Molybdenum	95-1	5735	6105	5588	5809	4.59	cps
Molybdenum	96-1	7309	7419	7562	7430	1.71	cps
Molybdenum	97-1	3701	3714	3677	3697	0.50	cps
Molybdenum	98-1	9203	9477	9307	9329	1.48	cps
Neodymium	150-1	25835	25634	25160	25543	1.36	cps
Neodymium	150-2	5915	6085	5638	5879	3.84	cps
Nickel	60-2	9927	9890	9984	9934	0.47	cps
Phosphorus	31-2	1540	1557	1463	1520	3.28	cps
Potassium	39-2	72732	72062	72397	72397	0.46	cps
Rhodium	103-1	2609101	2598638	2649768	2619169	1.03	cps
Rhodium	103-2	902857	902300	910327	905161	0.50	cps
Scandium	45-1	1843965	1830800	1841003	1838589	0.38	cps
Scandium	45-2	29948	28492	29377	29272	2.51	cps
Selenium	82-1	47	37	37	40	14.43	cps
Selenium	77-2	20	17	10	16	32.73	cps
Selenium	78-2	3	10	7	7	50.03	cps
Silicon	28-1	10863557	10773436	10810719	10815904	0.42	cps
Silver	107-1	2810	2754	2657	2740	2.83	cps
Silver	109-1	2574	2767	2577	2639	4.19	cps
Sodium	23-2	77303	77467	78275	77682	0.67	cps
Strontium	86-1	297543	295231	293720	295498	0.65	cps
Strontium	88-1	2730581	2726410	2690197	2715729	0.82	cps
Sulfur	34-1	102298	103446	103903	103215	0.80	cps
Terbium	159-1	4057810	4104574	4137811	4100065	0.98	cps
Terbium	159-2	1231912	1225108	1235428	1230816	0.43	cps
Thallium	203-1	847	873	863	861	1.56	cps
Thallium	205-1	2017	2107	2120	2081	2.70	cps
Tin	118-1	16603	16430	16039	16358	1.77	cps
Titanium	47-1	81778	81080	80899	81253	0.57	cps
Uranium	238-1	31155	31209	30694	31019	0.91	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-21 Instrumnet Name : P8
Client Sample ID : MH2H16 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:24:50 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	18555	19190	17961	18569	3.31	cps
Ytterbium	172-1	4277	4121	3854	4084	5.24	cps
Ytterbium	172-2	1550	1530	1533	1538	0.70	cps
Ytterbium	176-1	2777	2870	3010	2886	4.07	cps
Ytterbium	176-2	1103	1147	1107	1119	2.16	cps
Yttrium	89-1	5260907	5405394	5396102	5354134	1.51	cps
Yttrium	89-2	329098	325878	330701	328559	0.75	cps
Zinc	66-2	68491	69579	68698	68923	0.84	cps
Zirconium	90-1	13890	13356	13146	13464	2.85	cps
Zirconium	91-1	2757	2787	2877	2807	2.23	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184544	187643	185255	185814	0.87	cps
Antimony	121-1	4644	4801	4467	4637	3.60	cps
Arsenic	75-2	1233	1287	1240	1253	2.32	cps
Barium	135-1	523101	521419	512655	519058	1.08	cps
Barium	137-1	914826	922995	892305	910042	1.75	cps
Beryllium	9-1	1594	1617	1635	1615	1.28	cps
Bismuth	209-1	2546502	2549262	2420685	2505483	2.93	cps
Bismuth	209-2	904752	921812	912692	913085	0.93	cps
Bromine	81-1	4671	4981	5161	4938	5.02	cps
Cadmium	108-1	253	230	257	247	5.89	cps
Cadmium	106-1	1617	1660	1657	1645	1.47	cps
Cadmium	111-1	4028	4028	3960	4006	0.98	cps
Calcium	43-1	1613223	1633667	1572452	1606448	1.94	cps
Calcium	44-1	25767081	26448335	25463942	25893119	1.95	cps
Carbon	12-1	819029	847541	837020	834530	1.73	cps
Carbon	12-2	6021	6118	5841	5993	2.34	cps
Chlorine	35-1	31578006	33049665	32919787	32515820	2.51	cps
Chlorine	35-2	121206	124702	124479	123462	1.59	cps
Chromium	52-2	15041	14985	15158	15061	0.59	cps
Cobalt	59-2	20635	20652	20955	20747	0.87	cps
Copper	63-2	78394	79330	80004	79243	1.02	cps
Dysprosium	156-1	42190	41507	40618	41438	1.90	cps
Dysprosium	156-2	12613	13143	12830	12862	2.07	cps
Erbium	164-1	34886	35267	34107	34753	1.70	cps
Erbium	164-2	11679	11225	11278	11394	2.18	cps
Gadolinium	160-1	37867	37529	37613	37670	0.47	cps
Gadolinium	160-2	15205	15142	15262	15203	0.40	cps
Holmium	165-1	4111487	4062927	3910195	4028203	2.61	cps
Holmium	165-2	1274290	1289472	1280026	1281263	0.60	cps
Indium	115-1	3072238	3115742	2944423	3044134	2.93	cps
Indium	115-2	261999	268089	265311	265133	1.15	cps
Iron	54-2	1024961	1038809	1039774	1034515	0.80	cps
Iron	56-2	19899391	20110492	20008414	20006099	0.53	cps
Iron	57-2	478176	491503	482698	484125	1.40	cps
Krypton	83-1	87	73	93	84	12.06	cps
Lead	206-1	527402	524713	509463	520526	1.86	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	442044	442491	430003	438179	1.62	cps
Lead	208-1	2063507	2056525	1997676	2039236	1.77	cps
Lithium	6-1	1106424	1112881	1067336	1095547	2.25	cps
Magnesium	24-2	433612	442381	440271	438755	1.04	cps
Manganese	55-2	304849	308485	306092	306475	0.60	cps
Molybdenum	94-1	8783	8483	8476	8581	2.04	cps
Molybdenum	95-1	7149	7732	7179	7353	4.47	cps
Molybdenum	96-1	8810	8689	8609	8703	1.16	cps
Molybdenum	97-1	4801	4387	4074	4421	8.25	cps
Molybdenum	98-1	12175	11612	11828	11872	2.40	cps
Neodymium	150-1	64725	62729	61795	63083	2.37	cps
Neodymium	150-2	14848	15352	15182	15128	1.69	cps
Nickel	60-2	30646	31364	30720	30910	1.28	cps
Phosphorus	31-2	1593	1540	1530	1555	2.19	cps
Potassium	39-2	114990	118162	118027	117060	1.53	cps
Rhodium	103-1	2750392	2759777	2647873	2719348	2.28	cps
Rhodium	103-2	935768	955320	947214	946101	1.04	cps
Scandium	45-1	1841612	1906492	1816737	1854947	2.50	cps
Scandium	45-2	28615	29517	29033	29055	1.55	cps
Selenium	82-1	77	127	77	93	30.93	cps
Selenium	77-2	30	53	43	42	27.72	cps
Selenium	78-2	23	17	43	28	49.95	cps
Silicon	28-1	7151192	7244527	7015027	7136915	1.62	cps
Silver	107-1	4297	4557	4437	4431	2.94	cps
Silver	109-1	4237	4204	4364	4268	1.98	cps
Sodium	23-2	51788	53233	53852	52958	2.00	cps
Strontium	86-1	429909	432826	423515	428750	1.11	cps
Strontium	88-1	3945108	3906376	3783388	3878290	2.18	cps
Sulfur	34-1	101240	101052	100827	101040	0.20	cps
Terbium	159-1	4098699	4174837	4012824	4095453	1.98	cps
Terbium	159-2	1221630	1235019	1232840	1229830	0.58	cps
Thallium	203-1	2527	2547	2457	2510	1.88	cps
Thallium	205-1	6572	6312	6121	6335	3.57	cps
Tin	118-1	14965	15412	14851	15076	1.97	cps
Titanium	47-1	96801	98801	95992	97198	1.49	cps
Uranium	238-1	44344	43879	42180	43468	2.62	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-22 Instrumnet Name : P8
Client Sample ID : MH2H27 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:28:11 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	45191	46284	45896	45791	1.21	cps
Ytterbium	172-1	10134	10431	9994	10186	2.19	cps
Ytterbium	172-2	3954	4161	3984	4033	2.77	cps
Ytterbium	176-1	6765	6768	6535	6690	2.00	cps
Ytterbium	176-2	2597	2757	2574	2643	3.78	cps
Yttrium	89-1	5697756	5683710	5411200	5597555	2.89	cps
Yttrium	89-2	341877	348583	347456	345972	1.04	cps
Zinc	66-2	49750	49345	49780	49625	0.49	cps
Zirconium	90-1	11848	12673	11835	12119	3.96	cps
Zirconium	91-1	2654	2494	2664	2604	3.66	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338540	336875	338705	338040	0.30	cps
Antimony	121-1	5968	6058	5915	5980	1.21	cps
Arsenic	75-2	1003	940	903	949	5.33	cps
Barium	135-1	715890	727719	742029	728546	1.80	cps
Barium	137-1	1248060	1245669	1293408	1262379	2.13	cps
Beryllium	9-1	6985	7142	7407	7178	2.98	cps
Bismuth	209-1	2496435	2524050	2562686	2527724	1.32	cps
Bismuth	209-2	941291	942621	951550	945154	0.59	cps
Bromine	81-1	3074	3157	3230	3154	2.49	cps
Cadmium	108-1	697	563	650	637	10.63	cps
Cadmium	106-1	2170	2447	2380	2332	6.19	cps
Cadmium	111-1	8467	8751	9290	8836	4.73	cps
Calcium	43-1	2514190	2593921	2636553	2581555	2.41	cps
Calcium	44-1	40854373	41431924	42576676	41620991	2.11	cps
Carbon	12-1	1822416	1990364	2007617	1940132	5.27	cps
Carbon	12-2	13840	14053	13420	13771	2.34	cps
Chlorine	35-1	34306512	37148598	38773080	36742730	6.15	cps
Chlorine	35-2	141756	142053	143523	142444	0.66	cps
Chromium	52-2	106341	108890	108786	108006	1.34	cps
Cobalt	59-2	13203	13443	13610	13419	1.52	cps
Copper	63-2	188574	190496	193634	190901	1.34	cps
Dysprosium	156-1	36557	35784	37489	36610	2.33	cps
Dysprosium	156-2	11909	11638	11812	11786	1.16	cps
Erbium	164-1	31868	31210	32263	31780	1.67	cps
Erbium	164-2	10811	11058	10444	10771	2.87	cps
Gadolinium	160-1	33352	33823	34972	34049	2.45	cps
Gadolinium	160-2	14201	13837	13824	13954	1.53	cps
Holmium	165-1	4060650	3974219	4198505	4077791	2.77	cps
Holmium	165-2	1342753	1334133	1356656	1344514	0.85	cps
Indium	115-1	2983598	3043262	3151822	3059561	2.79	cps
Indium	115-2	273343	275453	283250	277349	1.88	cps
Iron	54-2	710611	714893	710990	712165	0.33	cps
Iron	56-2	13641353	13819013	13750456	13736941	0.65	cps
Iron	57-2	329899	331113	332554	331189	0.40	cps
Krypton	83-1	130	87	93	103	22.58	cps
Lead	206-1	2374506	2415696	2428488	2406230	1.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1961628	1970063	2018944	1983545	1.56	cps
Lead	208-1	9155324	9277070	9412688	9281694	1.39	cps
Lithium	6-1	1071696	1094000	1147458	1104385	3.53	cps
Magnesium	24-2	891944	889756	891389	891029	0.13	cps
Manganese	55-2	2092261	2053605	2086732	2077533	1.01	cps
Molybdenum	94-1	24038	25887	26024	25316	4.38	cps
Molybdenum	95-1	5378	5798	5728	5635	4.00	cps
Molybdenum	96-1	9680	9677	9914	9757	1.39	cps
Molybdenum	97-1	3570	3540	3444	3518	1.88	cps
Molybdenum	98-1	8703	8733	8893	8776	1.16	cps
Neodymium	150-1	50883	51264	51756	51301	0.85	cps
Neodymium	150-2	12422	12312	12389	12375	0.46	cps
Nickel	60-2	15318	15071	15375	15255	1.06	cps
Phosphorus	31-2	1757	1710	1830	1766	3.43	cps
Potassium	39-2	242986	242705	244805	243498	0.47	cps
Rhodium	103-1	2698134	2690799	2787862	2725598	1.98	cps
Rhodium	103-2	966427	974211	994452	978363	1.48	cps
Scandium	45-1	1866532	1889485	1952677	1902898	2.34	cps
Scandium	45-2	30897	30389	31241	30842	1.39	cps
Selenium	82-1	20	97	110	76	64.29	cps
Selenium	77-2	30	70	20	40	66.14	cps
Selenium	78-2	37	13	37	29	46.64	cps
Silicon	28-1	40127817	41628475	42780703	41512332	3.20	cps
Silver	107-1	11378	11518	11151	11349	1.63	cps
Silver	109-1	10491	10741	10851	10694	1.73	cps
Sodium	23-2	111132	111126	113009	111756	0.97	cps
Strontium	86-1	1046443	1062056	1088666	1065721	2.00	cps
Strontium	88-1	9433638	9664195	9742293	9613375	1.67	cps
Sulfur	34-1	130007	131809	135907	132574	2.28	cps
Terbium	159-1	4103268	4127856	4285590	4172238	2.37	cps
Terbium	159-2	1272801	1279295	1307979	1286692	1.45	cps
Thallium	203-1	853	850	890	864	2.57	cps
Thallium	205-1	2177	2110	2230	2172	2.77	cps
Tin	118-1	26546	27127	26983	26885	1.13	cps
Titanium	47-1	302929	307632	314585	308382	1.90	cps
Uranium	238-1	84848	84802	86356	85335	1.04	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-04 Instrumnet Name : P8
Client Sample ID : MH2GX2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:31:32 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33061	33944	33165	33390	1.44	cps
Ytterbium	172-1	11008	10718	10875	10867	1.34	cps
Ytterbium	172-2	4211	4367	4154	4244	2.60	cps
Ytterbium	176-1	7052	7179	7466	7232	2.93	cps
Ytterbium	176-2	2930	2664	2974	2856	5.88	cps
Yttrium	89-1	5670701	5746242	5925005	5780649	2.26	cps
Yttrium	89-2	361856	361374	370306	364512	1.38	cps
Zinc	66-2	227025	229457	230295	228926	0.74	cps
Zirconium	90-1	59409	61123	62268	60933	2.36	cps
Zirconium	91-1	13153	13637	14117	13636	3.54	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365246	362906	365590	364581	0.40	cps
Antimony	121-1	6782	7265	6935	6994	3.53	cps
Arsenic	75-2	1613	1690	1810	1705	5.82	cps
Barium	135-1	801933	818741	827170	815948	1.57	cps
Barium	137-1	1405198	1426089	1438212	1423166	1.17	cps
Beryllium	9-1	8199	8321	8264	8261	0.74	cps
Bismuth	209-1	2572989	2628946	2612782	2604906	1.11	cps
Bismuth	209-2	969071	950504	954979	958185	1.01	cps
Bromine	81-1	4914	4968	4874	4919	0.95	cps
Cadmium	108-1	980	1013	963	986	2.58	cps
Cadmium	106-1	2727	2794	2930	2817	3.68	cps
Cadmium	111-1	12668	13542	13482	13231	3.69	cps
Calcium	43-1	2894324	2986362	2978973	2953220	1.73	cps
Calcium	44-1	46870038	48345713	48902709	48039487	2.19	cps
Carbon	12-1	1670055	1806360	1836309	1770908	5.00	cps
Carbon	12-2	12325	12285	12562	12391	1.21	cps
Chlorine	35-1	32902075	35438114	36750313	35030167	5.58	cps
Chlorine	35-2	132960	133159	135063	133727	0.87	cps
Chromium	52-2	64140	63687	63480	63769	0.53	cps
Cobalt	59-2	18833	18973	19023	18943	0.52	cps
Copper	63-2	304317	305319	305353	304996	0.19	cps
Dysprosium	156-1	39943	41033	40999	40658	1.52	cps
Dysprosium	156-2	13076	13370	13253	13233	1.12	cps
Erbium	164-1	36446	36523	36092	36354	0.63	cps
Erbium	164-2	11892	11819	11862	11858	0.31	cps
Gadolinium	160-1	37807	38352	37673	37944	0.95	cps
Gadolinium	160-2	15189	15669	15285	15381	1.65	cps
Holmium	165-1	4138871	4160818	4245063	4181584	1.34	cps
Holmium	165-2	1369730	1350678	1343234	1354547	1.01	cps
Indium	115-1	3087357	3166976	3103317	3119217	1.35	cps
Indium	115-2	285040	280843	277023	280969	1.43	cps
Iron	54-2	826607	829828	824524	826986	0.32	cps
Iron	56-2	16094519	16006237	15986721	16029159	0.36	cps
Iron	57-2	387316	388767	386667	387583	0.28	cps
Krypton	83-1	97	163	120	127	26.71	cps
Lead	206-1	4035097	4043006	4118490	4065531	1.13	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3355235	3370329	3465662	3397075	1.76	cps
Lead	208-1	15595095	15619137	15872660	15695630	0.98	cps
Lithium	6-1	1146967	1135273	1148001	1143414	0.62	cps
Magnesium	24-2	832411	831326	835559	833099	0.26	cps
Manganese	55-2	2606416	2572512	2626212	2601713	1.04	cps
Molybdenum	94-1	23593	23734	24271	23866	1.50	cps
Molybdenum	95-1	5001	5181	5288	5157	2.81	cps
Molybdenum	96-1	8913	9263	9263	9146	2.21	cps
Molybdenum	97-1	3067	3137	3234	3146	2.66	cps
Molybdenum	98-1	8029	8072	8383	8161	2.36	cps
Neodymium	150-1	54634	55196	56374	55401	1.60	cps
Neodymium	150-2	13020	13006	13050	13025	0.17	cps
Nickel	60-2	20992	21042	20905	20980	0.33	cps
Phosphorus	31-2	1800	1660	1677	1712	4.47	cps
Potassium	39-2	250586	251356	250701	250881	0.17	cps
Rhodium	103-1	2785411	2824601	2844135	2818049	1.06	cps
Rhodium	103-2	999509	984108	977813	987143	1.13	cps
Scandium	45-1	1922783	1997995	1991455	1970745	2.11	cps
Scandium	45-2	31718	31241	31140	31366	0.98	cps
Selenium	82-1	97	53	107	86	33.14	cps
Selenium	77-2	77	40	47	54	35.88	cps
Selenium	78-2	37	33	40	37	9.10	cps
Silicon	28-1	44457889	45080156	45538146	45025397	1.20	cps
Silver	107-1	24939	25714	25717	25457	1.76	cps
Silver	109-1	23550	24148	24248	23982	1.57	cps
Sodium	23-2	158580	156758	156637	157325	0.69	cps
Strontium	86-1	1242016	1269277	1273312	1261535	1.35	cps
Strontium	88-1	11232615	11519443	11487069	11413042	1.38	cps
Sulfur	34-1	134979	138030	139551	137520	1.69	cps
Terbium	159-1	4206533	4303342	4298156	4269344	1.28	cps
Terbium	159-2	1324333	1297438	1283629	1301800	1.59	cps
Thallium	203-1	1800	1917	1830	1849	3.28	cps
Thallium	205-1	4474	4321	4487	4427	2.09	cps
Tin	118-1	48355	49258	49051	48888	0.97	cps
Titanium	47-1	303801	312798	314910	310503	1.90	cps
Uranium	238-1	103405	102437	104980	103608	1.24	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:34:51 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32684	32584	32306	32525	0.60	cps
Ytterbium	172-1	12032	11859	12506	12132	2.76	cps
Ytterbium	172-2	4951	4958	5161	5023	2.38	cps
Ytterbium	176-1	8183	8156	8533	8290	2.54	cps
Ytterbium	176-2	3164	3397	3164	3242	4.16	cps
Yttrium	89-1	5978507	6029690	5985020	5997739	0.46	cps
Yttrium	89-2	382035	373724	368001	374587	1.88	cps
Zinc	66-2	377582	380298	378493	378791	0.36	cps
Zirconium	90-1	56403	58197	58211	57604	1.80	cps
Zirconium	91-1	12222	12189	12582	12331	1.77	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184595	186306	184068	184990	0.63	cps
Antimony	121-1	8142	7922	8399	8155	2.93	cps
Arsenic	75-2	1913	1900	1973	1929	2.03	cps
Barium	135-1	646572	651621	657887	652027	0.87	cps
Barium	137-1	1118623	1140911	1145140	1134891	1.26	cps
Beryllium	9-1	3534	3564	3681	3593	2.17	cps
Bismuth	209-1	2621949	2739099	2702668	2687905	2.23	cps
Bismuth	209-2	976084	979467	973960	976504	0.28	cps
Bromine	81-1	4387	4551	4731	4556	3.77	cps
Cadmium	108-1	690	773	757	740	5.96	cps
Cadmium	106-1	2270	2367	2320	2319	2.08	cps
Cadmium	111-1	10836	11286	10971	11031	2.09	cps
Calcium	43-1	1266733	1300163	1305507	1290801	1.63	cps
Calcium	44-1	20662131	20843919	21176535	20894195	1.25	cps
Carbon	12-1	1305038	1387343	1413063	1368481	4.12	cps
Carbon	12-2	9657	9740	9643	9680	0.54	cps
Chlorine	35-1	31844356	33638923	33952303	33145194	3.43	cps
Chlorine	35-2	123568	124553	125306	124476	0.70	cps
Chromium	52-2	28886	28756	28756	28799	0.26	cps
Cobalt	59-2	19637	20231	20221	20030	1.70	cps
Copper	63-2	250986	250183	249748	250306	0.25	cps
Dysprosium	156-1	36673	37225	38044	37314	1.85	cps
Dysprosium	156-2	11845	11879	11642	11789	1.09	cps
Erbium	164-1	31133	30759	31551	31148	1.27	cps
Erbium	164-2	10511	10431	10307	10416	0.98	cps
Gadolinium	160-1	34341	34528	34768	34546	0.62	cps
Gadolinium	160-2	13644	14094	13610	13783	1.96	cps
Holmium	165-1	4098465	4384333	4207670	4230156	3.41	cps
Holmium	165-2	1361146	1356466	1367362	1361658	0.40	cps
Indium	115-1	3091221	3353834	3196817	3213957	4.11	cps
Indium	115-2	283014	280854	283803	282557	0.54	cps
Iron	54-2	815828	818918	819966	818238	0.26	cps
Iron	56-2	15934384	15860011	15941251	15911882	0.28	cps
Iron	57-2	386397	386876	384811	386028	0.28	cps
Krypton	83-1	103	100	97	100	3.33	cps
Lead	206-1	3412022	3502005	3431596	3448541	1.37	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2840564	2882540	2942393	2888499	1.77	cps
Lead	208-1	13278692	13469364	13437891	13395315	0.76	cps
Lithium	6-1	1091408	1145768	1099783	1112320	2.63	cps
Magnesium	24-2	392427	397976	396129	395510	0.71	cps
Manganese	55-2	1531878	1544150	1545887	1540639	0.50	cps
Molybdenum	94-1	11024	11201	11704	11310	3.12	cps
Molybdenum	95-1	3951	3967	3921	3946	0.60	cps
Molybdenum	96-1	5911	5731	5928	5857	1.86	cps
Molybdenum	97-1	2330	2464	2157	2317	6.64	cps
Molybdenum	98-1	6041	6155	6208	6135	1.39	cps
Neodymium	150-1	53807	55363	55474	54882	1.70	cps
Neodymium	150-2	13133	13147	13217	13165	0.34	cps
Nickel	60-2	22825	22177	22515	22506	1.44	cps
Phosphorus	31-2	1307	1540	1473	1440	8.35	cps
Potassium	39-2	134859	134769	135300	134976	0.21	cps
Rhodium	103-1	2776861	3024147	2905952	2902320	4.26	cps
Rhodium	103-2	998168	1001253	1001123	1000181	0.17	cps
Scandium	45-1	1909507	2019483	2002037	1977009	2.99	cps
Scandium	45-2	31625	31234	30629	31163	1.61	cps
Selenium	82-1	47	43	67	52	24.16	cps
Selenium	77-2	17	47	33	32	46.65	cps
Selenium	78-2	40	27	30	32	21.53	cps
Silicon	28-1	26887339	27460277	27519424	27289013	1.28	cps
Silver	107-1	21984	22926	22856	22589	2.32	cps
Silver	109-1	21320	21103	21597	21340	1.16	cps
Sodium	23-2	100335	100127	98831	99764	0.82	cps
Strontium	86-1	558488	569021	573556	567022	1.36	cps
Strontium	88-1	5088578	5108186	5188837	5128534	1.04	cps
Sulfur	34-1	106373	106887	107263	106841	0.42	cps
Terbium	159-1	4128926	4476670	4299262	4301619	4.04	cps
Terbium	159-2	1301720	1302462	1307730	1303970	0.25	cps
Thallium	203-1	1867	1800	1820	1829	1.87	cps
Thallium	205-1	4477	4467	4521	4489	0.63	cps
Tin	118-1	46552	47030	46643	46742	0.54	cps
Titanium	47-1	115003	114683	115076	114921	0.18	cps
Uranium	238-1	48225	47639	48315	48060	0.76	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-06 Instrumnet Name : P8
Client Sample ID : MH2GX4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:38:08 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	25827	25840	26131	25932	0.66	cps
Ytterbium	172-1	9590	9704	9687	9660	0.63	cps
Ytterbium	172-2	4001	3897	3624	3841	5.07	cps
Ytterbium	176-1	6235	6332	6482	6349	1.96	cps
Ytterbium	176-2	2414	2494	2634	2514	4.43	cps
Yttrium	89-1	5782787	6106004	5937225	5942005	2.72	cps
Yttrium	89-2	364987	367130	367289	366469	0.35	cps
Zinc	66-2	317680	321396	323320	320798	0.89	cps
Zirconium	90-1	23417	26321	24301	24679	6.03	cps
Zirconium	91-1	5301	5344	5815	5487	5.20	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193660	196048	193991	194567	0.66	cps
Antimony	121-1	6972	7249	7219	7146	2.13	cps
Arsenic	75-2	1883	1930	1930	1915	1.41	cps
Barium	135-1	610755	622033	624875	619221	1.21	cps
Barium	137-1	1059930	1077136	1090664	1075910	1.43	cps
Beryllium	9-1	4070	4229	4183	4160	1.96	cps
Bismuth	209-1	2618606	2661045	2693404	2657685	1.41	cps
Bismuth	209-2	979922	970835	968457	973072	0.62	cps
Bromine	81-1	4067	4357	4301	4242	3.62	cps
Cadmium	108-1	827	750	803	793	4.95	cps
Cadmium	106-1	2417	2527	2447	2464	2.31	cps
Cadmium	111-1	11390	11978	11808	11726	2.58	cps
Calcium	43-1	1709446	1749018	1758507	1738990	1.50	cps
Calcium	44-1	28055407	28586693	28676282	28439461	1.18	cps
Carbon	12-1	1387566	1470524	1508963	1455684	4.26	cps
Carbon	12-2	10127	10644	10244	10338	2.62	cps
Chlorine	35-1	30343190	31949996	32632130	31641772	3.71	cps
Chlorine	35-2	117035	120546	121373	119652	1.93	cps
Chromium	52-2	29193	30366	29163	29574	2.32	cps
Cobalt	59-2	17538	17374	17404	17439	0.50	cps
Copper	63-2	231198	231662	231974	231611	0.17	cps
Dysprosium	156-1	38315	38114	38385	38271	0.37	cps
Dysprosium	156-2	12349	12636	12336	12440	1.36	cps
Erbium	164-1	33412	33315	33626	33451	0.48	cps
Erbium	164-2	11068	11191	11055	11105	0.68	cps
Gadolinium	160-1	35524	36577	35895	35998	1.48	cps
Gadolinium	160-2	14435	14491	14284	14403	0.74	cps
Holmium	165-1	4215916	4276745	4329878	4274180	1.33	cps
Holmium	165-2	1361768	1369019	1353465	1361417	0.57	cps
Indium	115-1	3212354	3202404	3227795	3214184	0.40	cps
Indium	115-2	281125	283208	283464	282599	0.45	cps
Iron	54-2	520990	522777	524049	522605	0.29	cps
Iron	56-2	10175343	10326747	10220288	10240793	0.76	cps
Iron	57-2	243867	245970	246136	245324	0.52	cps
Krypton	83-1	103	113	70	96	23.75	cps
Lead	206-1	3459020	3563974	3559351	3527448	1.68	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2944533	3018604	2945641	2969593	1.43	cps
Lead	208-1	13549691	13864941	13760929	13725187	1.17	cps
Lithium	6-1	1091091	1113609	1128979	1111226	1.71	cps
Magnesium	24-2	440896	444607	443230	442911	0.42	cps
Manganese	55-2	1717615	1700769	1715473	1711286	0.54	cps
Molybdenum	94-1	12442	11999	12512	12318	2.26	cps
Molybdenum	95-1	3844	3804	3624	3757	3.12	cps
Molybdenum	96-1	5768	5625	5881	5758	2.23	cps
Molybdenum	97-1	2207	2367	2434	2336	4.99	cps
Molybdenum	98-1	5995	5931	5778	5901	1.89	cps
Neodymium	150-1	55959	56455	57067	56494	0.98	cps
Neodymium	150-2	13817	13584	12920	13440	3.46	cps
Nickel	60-2	20869	21066	21012	20982	0.49	cps
Phosphorus	31-2	1377	1410	1273	1353	5.27	cps
Potassium	39-2	143986	144195	145275	144485	0.48	cps
Rhodium	103-1	2873488	2867510	2922897	2887965	1.05	cps
Rhodium	103-2	999403	1005532	1003682	1002872	0.31	cps
Scandium	45-1	1938166	1962562	1953660	1951462	0.63	cps
Scandium	45-2	31000	30796	30669	30822	0.54	cps
Selenium	82-1	27	63	100	63	57.89	cps
Selenium	77-2	50	20	30	33	45.83	cps
Selenium	78-2	30	30	27	29	6.65	cps
Silicon	28-1	27084940	27990552	27874765	27650085	1.78	cps
Silver	107-1	20662	21233	20933	20943	1.36	cps
Silver	109-1	19764	20395	20512	20224	1.99	cps
Sodium	23-2	85703	85894	84714	85437	0.74	cps
Strontium	86-1	656345	668261	672712	665773	1.27	cps
Strontium	88-1	5992130	5986890	6077053	6018691	0.84	cps
Sulfur	34-1	106958	109449	110286	108898	1.59	cps
Terbium	159-1	4330124	4370650	4367894	4356222	0.52	cps
Terbium	159-2	1298286	1310153	1307038	1305159	0.47	cps
Thallium	203-1	2120	2224	2100	2148	3.08	cps
Thallium	205-1	4578	4884	5051	4838	4.97	cps
Tin	118-1	25357	24899	25417	25224	1.12	cps
Titanium	47-1	112130	114738	115328	114065	1.49	cps
Uranium	238-1	54293	55906	56338	55512	1.94	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-07 Instrumnet Name : P8
Client Sample ID : MH2GX5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:41:27 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27824	27981	27971	27925	0.31	cps
Ytterbium	172-1	10314	10187	10184	10228	0.73	cps
Ytterbium	172-2	3884	4114	4261	4086	4.65	cps
Ytterbium	176-1	6495	6622	6982	6700	3.77	cps
Ytterbium	176-2	2634	2730	2684	2683	1.80	cps
Yttrium	89-1	5884561	5837605	6061729	5927965	1.99	cps
Yttrium	89-2	366272	371433	368536	368747	0.70	cps
Zinc	66-2	215844	218525	220180	218183	1.00	cps
Zirconium	90-1	27677	27955	28145	27926	0.84	cps
Zirconium	91-1	5938	6288	6248	6158	3.11	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422335	417938	424601	421625	0.80	cps
Antimony	121-1	6245	6348	6548	6380	2.42	cps
Arsenic	75-2	1017	950	1007	991	3.63	cps
Barium	135-1	865778	878497	890049	878108	1.38	cps
Barium	137-1	1568038	1622862	1646783	1612561	2.50	cps
Beryllium	9-1	8085	8435	8255	8258	2.12	cps
Bismuth	209-1	2558526	2580053	2613271	2583950	1.07	cps
Bismuth	209-2	945132	956223	953125	951493	0.60	cps
Bromine	81-1	3204	3477	3307	3329	4.15	cps
Cadmium	108-1	570	700	673	648	10.60	cps
Cadmium	106-1	2360	2494	2447	2434	2.78	cps
Cadmium	111-1	9369	9751	9718	9613	2.20	cps
Calcium	43-1	2822792	2887997	2931159	2880649	1.89	cps
Calcium	44-1	45795176	47003009	47301718	46699968	1.71	cps
Carbon	12-1	2242648	2460936	2474068	2392551	5.43	cps
Carbon	12-2	16870	17080	16967	16972	0.62	cps
Chlorine	35-1	31779193	33990538	34789647	33519793	4.65	cps
Chlorine	35-2	125703	125703	127650	126352	0.89	cps
Chromium	52-2	135881	135905	135840	135875	0.02	cps
Cobalt	59-2	15959	15675	15632	15755	1.13	cps
Copper	63-2	229844	229355	230313	229837	0.21	cps
Dysprosium	156-1	45093	46036	46437	45855	1.51	cps
Dysprosium	156-2	14558	14244	14655	14486	1.48	cps
Erbium	164-1	38903	39515	40451	39623	1.97	cps
Erbium	164-2	12780	13173	13020	12991	1.53	cps
Gadolinium	160-1	41698	41792	42909	42133	1.60	cps
Gadolinium	160-2	16761	16500	17385	16882	2.69	cps
Holmium	165-1	4218543	4226973	4338859	4261458	1.58	cps
Holmium	165-2	1363958	1368951	1378127	1370345	0.52	cps
Indium	115-1	3132567	3192342	3263667	3196192	2.05	cps
Indium	115-2	280525	282497	284307	282443	0.67	cps
Iron	54-2	930636	931772	934083	932163	0.19	cps
Iron	56-2	18212597	18055410	18085951	18117986	0.46	cps
Iron	57-2	433060	438904	438238	436734	0.73	cps
Krypton	83-1	120	113	97	110	10.92	cps
Lead	206-1	2715430	2686570	2716472	2706157	0.63	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2243193	2250478	2242170	2245281	0.20	cps
Lead	208-1	10399262	10362357	10479695	10413771	0.58	cps
Lithium	6-1	1083715	1103234	1111619	1099522	1.30	cps
Magnesium	24-2	1122588	1135932	1080645	1113055	2.59	cps
Manganese	55-2	2429533	2397967	2427416	2418306	0.73	cps
Molybdenum	94-1	27010	28576	28526	28037	3.18	cps
Molybdenum	95-1	5715	5911	5945	5857	2.12	cps
Molybdenum	96-1	9964	10571	10754	10430	3.97	cps
Molybdenum	97-1	3300	3384	3540	3408	3.58	cps
Molybdenum	98-1	8863	8863	9233	8986	2.38	cps
Neodymium	150-1	65287	66433	66601	66107	1.08	cps
Neodymium	150-2	15562	15623	15970	15718	1.40	cps
Nickel	60-2	17007	17327	17274	17203	1.00	cps
Phosphorus	31-2	2027	1900	2114	2013	5.33	cps
Potassium	39-2	261419	261932	262964	262105	0.30	cps
Rhodium	103-1	2781310	2827138	2857673	2822040	1.36	cps
Rhodium	103-2	981912	993088	1000885	991962	0.96	cps
Scandium	45-1	1948523	1972214	2028072	1982936	2.06	cps
Scandium	45-2	31568	31511	31688	31589	0.29	cps
Selenium	82-1	67	133	153	118	38.53	cps
Selenium	77-2	57	57	77	63	18.23	cps
Selenium	78-2	40	37	40	39	4.94	cps
Silicon	28-1	45983081	46978823	47806649	46922851	1.95	cps
Silver	107-1	11502	11245	11562	11436	1.47	cps
Silver	109-1	10551	11028	11038	10872	2.56	cps
Sodium	23-2	108338	108170	109238	108582	0.53	cps
Strontium	86-1	1202814	1232477	1242116	1225802	1.67	cps
Strontium	88-1	10960056	11026590	11272799	11086482	1.49	cps
Sulfur	34-1	130121	132765	133922	132269	1.47	cps
Terbium	159-1	4295817	4349834	4342472	4329374	0.68	cps
Terbium	159-2	1307945	1310670	1314977	1311197	0.27	cps
Thallium	203-1	807	773	950	843	11.13	cps
Thallium	205-1	2157	1850	2194	2067	9.12	cps
Tin	118-1	28306	28797	29335	28813	1.79	cps
Titanium	47-1	388832	394764	401878	395158	1.65	cps
Uranium	238-1	107126	108756	109953	108612	1.31	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-08 Instrumnet Name : P8
Client Sample ID : MH2GX6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:44:45 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40387	39765	40504	40218	0.99	cps
Ytterbium	172-1	12753	13100	13374	13075	2.38	cps
Ytterbium	172-2	5208	5231	5001	5147	2.46	cps
Ytterbium	176-1	8509	8630	8416	8518	1.26	cps
Ytterbium	176-2	3257	3307	3537	3367	4.44	cps
Yttrium	89-1	5985859	6078554	6226067	6096827	1.99	cps
Yttrium	89-2	373927	379831	379906	377888	0.91	cps
Zinc	66-2	259332	259853	261378	260188	0.41	cps
Zirconium	90-1	65925	68326	69023	67758	2.40	cps
Zirconium	91-1	14558	15322	15298	15059	2.89	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147054	145495	146646	146398	0.55	cps
Antimony	121-1	10184	10104	10354	10214	1.25	cps
Arsenic	75-2	2074	2127	2197	2132	2.90	cps
Barium	135-1	623765	631931	640538	632078	1.33	cps
Barium	137-1	1089127	1102556	1105121	1098935	0.78	cps
Beryllium	9-1	3291	3462	3394	3382	2.55	cps
Bismuth	209-1	2655850	2749946	2744826	2716874	1.95	cps
Bismuth	209-2	987103	985457	990933	987831	0.28	cps
Bromine	81-1	4027	4221	4164	4137	2.40	cps
Cadmium	108-1	1100	1027	1067	1065	3.45	cps
Cadmium	106-1	2837	2790	2770	2799	1.22	cps
Cadmium	111-1	16001	15582	15897	15827	1.38	cps
Calcium	43-1	1785210	1827632	1837717	1816853	1.53	cps
Calcium	44-1	29192872	29355249	30054090	29534070	1.55	cps
Carbon	12-1	1595332	1660771	1681593	1645899	2.73	cps
Carbon	12-2	11508	11908	11661	11693	1.73	cps
Chlorine	35-1	31889577	33603417	34485459	33326151	3.96	cps
Chlorine	35-2	123141	124238	126541	124640	1.39	cps
Chromium	52-2	26965	27146	27216	27109	0.48	cps
Cobalt	59-2	21783	21797	21677	21752	0.30	cps
Copper	63-2	249999	248687	248928	249205	0.28	cps
Dysprosium	156-1	35571	36062	35838	35823	0.69	cps
Dysprosium	156-2	11402	11251	11208	11287	0.90	cps
Erbium	164-1	29646	29967	29429	29681	0.91	cps
Erbium	164-2	9547	9747	9627	9640	1.05	cps
Gadolinium	160-1	32069	32790	32744	32534	1.24	cps
Gadolinium	160-2	12770	13223	13240	13078	2.04	cps
Holmium	165-1	4202491	4343689	4322458	4289546	1.77	cps
Holmium	165-2	1375793	1366331	1382162	1374762	0.58	cps
Indium	115-1	3140198	3289268	3295296	3241587	2.71	cps
Indium	115-2	285646	285154	287889	286230	0.51	cps
Iron	54-2	881201	889448	890836	887162	0.59	cps
Iron	56-2	17141027	17167076	17232000	17180034	0.27	cps
Iron	57-2	413022	416011	417014	415349	0.50	cps
Krypton	83-1	70	137	80	96	37.63	cps
Lead	206-1	4751343	4831352	4858461	4813718	1.16	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4005017	4012545	4043726	4020429	0.51	cps
Lead	208-1	18493072	18649515	18785317	18642635	0.78	cps
Lithium	6-1	1088868	1116591	1108136	1104532	1.29	cps
Magnesium	24-2	398518	397372	405424	400438	1.09	cps
Manganese	55-2	1585040	1568228	1596035	1583101	0.88	cps
Molybdenum	94-1	13600	14061	14174	13945	2.18	cps
Molybdenum	95-1	4978	5128	5071	5059	1.50	cps
Molybdenum	96-1	7162	7352	7519	7344	2.43	cps
Molybdenum	97-1	2914	3210	3104	3076	4.89	cps
Molybdenum	98-1	8159	8012	8142	8105	0.99	cps
Neodymium	150-1	52395	53784	54022	53400	1.65	cps
Neodymium	150-2	12516	12966	12633	12705	1.84	cps
Nickel	60-2	25206	26528	26665	26133	3.08	cps
Phosphorus	31-2	2104	1823	1870	1932	7.76	cps
Potassium	39-2	130116	129518	132259	130631	1.10	cps
Rhodium	103-1	2874879	2900495	2943230	2906201	1.19	cps
Rhodium	103-2	1011783	1013081	1020674	1015179	0.47	cps
Scandium	45-1	1945239	1996774	2023146	1988386	1.99	cps
Scandium	45-2	31034	30429	30973	30812	1.08	cps
Selenium	82-1	97	13	83	64	69.46	cps
Selenium	77-2	30	33	50	38	28.37	cps
Selenium	78-2	17	30	37	28	36.66	cps
Silicon	28-1	21120611	21608036	21300295	21342980	1.15	cps
Silver	107-1	23220	23871	24068	23719	1.87	cps
Silver	109-1	22919	22759	22879	22852	0.36	cps
Sodium	23-2	61777	61218	61944	61646	0.62	cps
Strontium	86-1	688844	701417	708523	699594	1.42	cps
Strontium	88-1	6186541	6274902	6395437	6285627	1.67	cps
Sulfur	34-1	105910	107391	107847	107050	0.95	cps
Terbium	159-1	4330559	4375582	4414875	4373672	0.96	cps
Terbium	159-2	1309575	1313841	1321356	1314924	0.45	cps
Thallium	203-1	2220	2090	2094	2135	3.47	cps
Thallium	205-1	5171	5218	5168	5186	0.54	cps
Tin	118-1	52433	53875	54678	53662	2.12	cps
Titanium	47-1	124716	125657	127257	125877	1.02	cps
Uranium	238-1	60008	59214	59837	59686	0.70	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-09 Instrumnet Name : P8
Client Sample ID : MH2GX7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:48:04 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	31278	31471	31040	31263	0.69	cps
Ytterbium	172-1	8900	9280	9097	9092	2.09	cps
Ytterbium	172-2	3644	3437	3541	3541	2.92	cps
Ytterbium	176-1	6008	5825	6202	6011	3.13	cps
Ytterbium	176-2	2400	2400	2410	2404	0.24	cps
Yttrium	89-1	5906123	5976796	6094212	5992377	1.59	cps
Yttrium	89-2	366231	366729	370681	367880	0.66	cps
Zinc	66-2	364937	368225	366360	366507	0.45	cps
Zirconium	90-1	29862	30340	29999	30067	0.82	cps
Zirconium	91-1	6508	6592	6615	6572	0.85	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99611	100517	98353	99494	1.09	cps
Antimony	121-1	11472	11678	11842	11664	1.59	cps
Arsenic	75-2	2694	2507	2280	2494	8.30	cps
Barium	135-1	622168	639971	640214	634118	1.63	cps
Barium	137-1	1090614	1114229	1121320	1108721	1.45	cps
Beryllium	9-1	2334	2411	2407	2384	1.83	cps
Bismuth	209-1	2785635	2753797	2778599	2772677	0.60	cps
Bismuth	209-2	925280	1047947	1054126	1009118	7.20	cps
Bromine	81-1	3601	4087	4317	4002	9.15	cps
Cadmium	108-1	1337	1497	1450	1428	5.76	cps
Cadmium	106-1	3280	3247	3254	3260	0.54	cps
Cadmium	111-1	19866	19935	20082	19961	0.55	cps
Calcium	43-1	1167061	1241216	1249471	1219249	3.72	cps
Calcium	44-1	19712844	20324918	20485351	20174371	2.02	cps
Carbon	12-1	1450594	1580473	1581415	1537494	4.89	cps
Carbon	12-2	10494	10774	10881	10716	1.87	cps
Chlorine	35-1	30461842	32916429	34208451	32528907	5.85	cps
Chlorine	35-2	121824	121471	122190	121828	0.30	cps
Chromium	52-2	9870	9146	9670	9562	3.91	cps
Cobalt	59-2	25713	25119	25386	25406	1.17	cps
Copper	63-2	364386	363056	364096	363846	0.19	cps
Dysprosium	156-1	36119	36630	36791	36513	0.96	cps
Dysprosium	156-2	11612	11398	11465	11492	0.95	cps
Erbium	164-1	29850	30358	31156	30455	2.16	cps
Erbium	164-2	9977	10274	10091	10114	1.48	cps
Gadolinium	160-1	32302	33425	33987	33238	2.58	cps
Gadolinium	160-2	13690	13544	13180	13471	1.95	cps
Holmium	165-1	4338988	4291842	4299850	4310226	0.59	cps
Holmium	165-2	1249566	1441379	1446953	1379300	8.15	cps
Indium	115-1	3245259	3259772	3310577	3271869	1.05	cps
Indium	115-2	258466	296436	300506	285136	8.13	cps
Iron	54-2	853736	850518	847498	850584	0.37	cps
Iron	56-2	16756949	16543776	16318781	16539835	1.32	cps
Iron	57-2	400370	396541	398428	398446	0.48	cps
Krypton	83-1	90	87	100	92	7.52	cps
Lead	206-1	5329721	5445260	5478703	5417895	1.44	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4424900	4532760	4555168	4504276	1.55	cps
Lead	208-1	20652387	21136628	21161977	20983664	1.37	cps
Lithium	6-1	1089671	1101631	1106038	1099113	0.77	cps
Magnesium	24-2	245598	245117	245272	245329	0.10	cps
Manganese	55-2	1777267	1737814	1768331	1761137	1.17	cps
Molybdenum	94-1	10457	10547	10467	10491	0.47	cps
Molybdenum	95-1	4934	5034	5148	5039	2.12	cps
Molybdenum	96-1	6602	6468	6962	6677	3.82	cps
Molybdenum	97-1	2957	2960	3094	3004	2.60	cps
Molybdenum	98-1	7789	7842	7822	7818	0.35	cps
Neodymium	150-1	51445	53332	54098	52958	2.58	cps
Neodymium	150-2	12546	12573	12669	12596	0.52	cps
Nickel	60-2	25122	24842	24805	24923	0.70	cps
Phosphorus	31-2	1687	1730	1690	1702	1.42	cps
Potassium	39-2	108997	109568	110200	109588	0.55	cps
Rhodium	103-1	2952354	2937287	2954857	2948166	0.32	cps
Rhodium	103-2	922689	1067737	1070532	1020319	8.29	cps
Scandium	45-1	1990024	1970782	1989308	1983371	0.55	cps
Scandium	45-2	27854	32450	32523	30942	8.65	cps
Selenium	82-1	67	80	53	67	19.99	cps
Selenium	77-2	47	37	40	41	12.39	cps
Selenium	78-2	33	43	23	33	30.00	cps
Silicon	28-1	9586287	9776790	9906243	9756440	1.65	cps
Silver	107-1	37942	38036	38721	38233	1.11	cps
Silver	109-1	34891	35980	36886	35919	2.78	cps
Sodium	23-2	48577	48875	50085	49179	1.62	cps
Strontium	86-1	527772	539190	547265	538076	1.82	cps
Strontium	88-1	4755276	4904213	4957230	4872239	2.15	cps
Sulfur	34-1	99052	101244	101703	100666	1.41	cps
Terbium	159-1	4419299	4365174	4425174	4403216	0.75	cps
Terbium	159-2	1190443	1359727	1377611	1309260	7.89	cps
Thallium	203-1	3054	3264	3260	3193	3.77	cps
Thallium	205-1	7739	7732	8103	7858	2.70	cps
Tin	118-1	59793	61196	61571	60853	1.54	cps
Titanium	47-1	79790	81141	83119	81350	2.06	cps
Uranium	238-1	41685	42842	43515	42681	2.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-10 Instrumnet Name : P8
Client Sample ID : MH2GX8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:51:22 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26451	26391	25850	26231	1.26	cps
Ytterbium	172-1	9397	9317	9280	9331	0.64	cps
Ytterbium	172-2	3504	3877	3707	3696	5.06	cps
Ytterbium	176-1	5951	6171	6242	6121	2.47	cps
Ytterbium	176-2	2307	2437	2347	2364	2.82	cps
Yttrium	89-1	5934741	5928311	6027782	5963611	0.93	cps
Yttrium	89-2	334978	381039	381847	365955	7.33	cps
Zinc	66-2	400118	397434	395401	397651	0.59	cps
Zirconium	90-1	20235	20792	21066	20698	2.05	cps
Zirconium	91-1	4778	4811	4477	4689	3.92	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96215	96141	96081	96146	0.07	cps
Antimony	121-1	4051	3927	4414	4131	6.13	cps
Arsenic	75-2	970	1097	963	1010	7.44	cps
Barium	135-1	541431	551942	552521	548632	1.14	cps
Barium	137-1	946530	961296	966441	958089	1.08	cps
Beryllium	9-1	1581	1551	1657	1597	3.43	cps
Bismuth	209-1	2646536	2656894	2681950	2661793	0.68	cps
Bismuth	209-2	948126	969384	963228	960246	1.14	cps
Bromine	81-1	4631	4691	4861	4728	2.52	cps
Cadmium	108-1	310	390	363	354	11.49	cps
Cadmium	106-1	1887	1927	1847	1887	2.12	cps
Cadmium	111-1	5641	5930	5913	5828	2.78	cps
Calcium	43-1	1638526	1662926	1637166	1646206	0.88	cps
Calcium	44-1	25826767	26535101	26524949	26295606	1.54	cps
Carbon	12-1	887515	930779	925907	914734	2.59	cps
Carbon	12-2	6271	6341	6498	6370	1.82	cps
Chlorine	35-1	30357658	32191440	33421613	31990237	4.82	cps
Chlorine	35-2	119306	121905	121038	120750	1.10	cps
Chromium	52-2	9767	9633	9767	9722	0.79	cps
Cobalt	59-2	15272	15071	15131	15158	0.68	cps
Copper	63-2	203905	206550	204284	204913	0.70	cps
Dysprosium	156-1	37750	38599	38873	38407	1.52	cps
Dysprosium	156-2	12146	12099	12272	12172	0.74	cps
Erbium	164-1	31073	31942	32530	31848	2.30	cps
Erbium	164-2	10658	10551	10514	10574	0.70	cps
Gadolinium	160-1	35246	35992	36593	35944	1.88	cps
Gadolinium	160-2	14425	14031	14491	14316	1.74	cps
Holmium	165-1	4210866	4259260	4213051	4227726	0.65	cps
Holmium	165-2	1350081	1357360	1349095	1352179	0.33	cps
Indium	115-1	3145119	3181135	3216588	3180947	1.12	cps
Indium	115-2	276978	280294	278713	278662	0.60	cps
Iron	54-2	303362	304433	303258	303684	0.21	cps
Iron	56-2	5907433	5945877	5825780	5893030	1.04	cps
Iron	57-2	142985	142466	143254	142902	0.28	cps
Krypton	83-1	103	100	87	97	9.12	cps
Lead	206-1	1081056	1101346	1108821	1097074	1.31	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	912957	926149	925522	921543	0.81	cps
Lead	208-1	4377517	4469103	4491058	4445893	1.35	cps
Lithium	6-1	1105086	1096448	1098533	1100022	0.41	cps
Magnesium	24-2	224793	224972	223804	224523	0.28	cps
Manganese	55-2	450363	452709	448770	450614	0.44	cps
Molybdenum	94-1	7269	7495	7479	7414	1.70	cps
Molybdenum	95-1	2924	3187	3244	3118	5.48	cps
Molybdenum	96-1	4387	4227	4454	4356	2.67	cps
Molybdenum	97-1	1950	1850	1760	1853	5.13	cps
Molybdenum	98-1	4784	4758	4951	4831	2.17	cps
Neodymium	150-1	57995	59802	60606	59468	2.25	cps
Neodymium	150-2	14284	14224	13827	14112	1.76	cps
Nickel	60-2	26531	26531	26718	26594	0.41	cps
Phosphorus	31-2	1393	1310	1190	1298	7.88	cps
Potassium	39-2	87362	88918	87969	88083	0.89	cps
Rhodium	103-1	2879849	2903293	2898983	2894042	0.43	cps
Rhodium	103-2	989721	1001764	991844	994443	0.65	cps
Scandium	45-1	1908449	1915219	1927583	1917084	0.51	cps
Scandium	45-2	29741	30589	29831	30054	1.55	cps
Selenium	82-1	33	33	37	34	5.58	cps
Selenium	77-2	27	37	37	33	17.32	cps
Selenium	78-2	33	17	30	27	33.06	cps
Silicon	28-1	11559987	11852648	11966699	11793111	1.78	cps
Silver	107-1	7852	8036	7866	7918	1.29	cps
Silver	109-1	7465	7759	7462	7562	2.25	cps
Sodium	23-2	42127	42933	41228	42096	2.03	cps
Strontium	86-1	374992	382416	387515	381641	1.65	cps
Strontium	88-1	3403928	3548760	3572990	3508559	2.61	cps
Sulfur	34-1	95136	96227	95633	95665	0.57	cps
Terbium	159-1	4362182	4289489	4306769	4319480	0.88	cps
Terbium	159-2	1273841	1295707	1290437	1286662	0.89	cps
Thallium	203-1	1330	1410	1237	1326	6.54	cps
Thallium	205-1	2987	3010	3137	3045	2.65	cps
Tin	118-1	12656	13370	13166	13064	2.82	cps
Titanium	47-1	29330	29955	30499	29928	1.95	cps
Uranium	238-1	31870	31716	31853	31813	0.27	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-11 Instrumnet Name : P8
Client Sample ID : MH2GX9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:54:43 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27961	27924	27710	27865	0.49	cps
Ytterbium	172-1	9260	9383	9317	9320	0.66	cps
Ytterbium	172-2	3657	3684	3544	3628	2.05	cps
Ytterbium	176-1	6222	6081	6161	6155	1.14	cps
Ytterbium	176-2	2307	2127	2367	2267	5.51	cps
Yttrium	89-1	5817425	5891996	5923442	5877621	0.93	cps
Yttrium	89-2	354889	361348	359619	358619	0.93	cps
Zinc	66-2	80051	81828	80735	80871	1.11	cps
Zirconium	90-1	15325	15469	15505	15433	0.62	cps
Zirconium	91-1	3454	3320	3614	3463	4.24	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346776	345442	351191	347803	0.87	cps
Antimony	121-1	5628	5618	5418	5555	2.13	cps
Arsenic	75-2	893	860	853	869	2.47	cps
Barium	135-1	733395	750970	754796	746387	1.53	cps
Barium	137-1	1266107	1302209	1323678	1297331	2.24	cps
Beryllium	9-1	7186	7395	7456	7346	1.93	cps
Bismuth	209-1	2589485	2610398	2641669	2613851	1.00	cps
Bismuth	209-2	943966	950354	947816	947379	0.34	cps
Bromine	81-1	3090	3000	3137	3076	2.26	cps
Cadmium	108-1	550	580	543	558	3.50	cps
Cadmium	106-1	2210	2197	2247	2218	1.17	cps
Cadmium	111-1	7404	7567	8164	7712	5.19	cps
Calcium	43-1	2615237	2658399	2670049	2647895	1.09	cps
Calcium	44-1	42440979	43124888	43374584	42980150	1.12	cps
Carbon	12-1	1598487	1722370	1718951	1679936	4.20	cps
Carbon	12-2	12058	12192	11768	12006	1.80	cps
Chlorine	35-1	33730248	36025251	36943947	35566482	4.65	cps
Chlorine	35-2	133953	134703	137166	135274	1.24	cps
Chromium	52-2	100301	102289	102084	101558	1.08	cps
Cobalt	59-2	13076	13163	12302	12847	3.69	cps
Copper	63-2	189320	188436	190346	189367	0.50	cps
Dysprosium	156-1	35948	36466	36841	36418	1.23	cps
Dysprosium	156-2	11552	11986	11695	11744	1.88	cps
Erbium	164-1	32406	32440	32613	32486	0.34	cps
Erbium	164-2	10588	10494	10574	10552	0.48	cps
Gadolinium	160-1	33372	33783	34200	33785	1.23	cps
Gadolinium	160-2	13657	13747	13547	13650	0.73	cps
Holmium	165-1	4259536	4233089	4297333	4263319	0.76	cps
Holmium	165-2	1339296	1344610	1361347	1348418	0.85	cps
Indium	115-1	3085379	3099470	3239573	3141474	2.71	cps
Indium	115-2	276529	274529	277667	276242	0.58	cps
Iron	54-2	657618	660365	662473	660152	0.37	cps
Iron	56-2	12831916	12803843	12860658	12832139	0.22	cps
Iron	57-2	307701	308457	311767	309308	0.70	cps
Krypton	83-1	73	120	63	86	35.36	cps
Lead	206-1	2269326	2320800	2356768	2315631	1.90	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1886020	1919612	1919392	1908341	1.01	cps
Lead	208-1	8769582	8895639	8947286	8870836	1.03	cps
Lithium	6-1	1065714	1076305	1088330	1076783	1.05	cps
Magnesium	24-2	892267	892047	895538	893284	0.22	cps
Manganese	55-2	2130131	2117334	2163292	2136919	1.11	cps
Molybdenum	94-1	24729	25380	26585	25565	3.68	cps
Molybdenum	95-1	5725	5948	6051	5908	2.83	cps
Molybdenum	96-1	10144	9994	9907	10015	1.20	cps
Molybdenum	97-1	3300	3394	3564	3419	3.91	cps
Molybdenum	98-1	8890	8833	9066	8930	1.36	cps
Neodymium	150-1	50628	50160	51227	50672	1.06	cps
Neodymium	150-2	12152	12533	11772	12152	3.13	cps
Nickel	60-2	15782	15725	15525	15678	0.86	cps
Phosphorus	31-2	1520	1570	1683	1591	5.26	cps
Potassium	39-2	239786	240969	244432	241729	1.00	cps
Rhodium	103-1	2780493	2814730	2837375	2810866	1.02	cps
Rhodium	103-2	972341	972899	984207	976482	0.69	cps
Scandium	45-1	1897395	1945786	1936987	1926723	1.34	cps
Scandium	45-2	30205	30713	30405	30441	0.84	cps
Selenium	82-1	150	73	123	116	33.68	cps
Selenium	77-2	30	43	20	31	37.62	cps
Selenium	78-2	20	17	37	24	43.83	cps
Silicon	28-1	43595801	44908026	45205413	44569747	1.92	cps
Silver	107-1	9960	10024	10424	10136	2.48	cps
Silver	109-1	9380	9917	9343	9547	3.36	cps
Sodium	23-2	99144	99536	99808	99496	0.34	cps
Strontium	86-1	1096276	1115119	1139375	1116924	1.93	cps
Strontium	88-1	9850829	10197415	10225200	10091148	2.07	cps
Sulfur	34-1	123535	125545	127656	125579	1.64	cps
Terbium	159-1	4232861	4348619	4372536	4318005	1.73	cps
Terbium	159-2	1292039	1298490	1303058	1297862	0.43	cps
Thallium	203-1	793	727	787	769	4.78	cps
Thallium	205-1	2037	1893	1787	1906	6.58	cps
Tin	118-1	25447	25991	26172	25870	1.46	cps
Titanium	47-1	314649	322534	325418	320867	1.74	cps
Uranium	238-1	90574	90614	90057	90415	0.34	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-12 Instrumnet Name : P8
Client Sample ID : MH2GY0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 17:58:05 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30980	31859	31491	31443	1.40	cps
Ytterbium	172-1	10881	11208	11382	11157	2.28	cps
Ytterbium	172-2	4431	4314	4371	4372	1.33	cps
Ytterbium	176-1	7069	7159	7265	7164	1.38	cps
Ytterbium	176-2	2924	3004	2984	2970	1.40	cps
Yttrium	89-1	5832079	5916090	5957471	5901880	1.08	cps
Yttrium	89-2	361695	362339	367419	363818	0.86	cps
Zinc	66-2	206238	206075	206586	206300	0.13	cps
Zirconium	90-1	60772	62399	63724	62298	2.37	cps
Zirconium	91-1	13283	14071	14134	13829	3.43	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268782	271104	270789	270225	0.47	cps
Antimony	121-1	9066	8916	9340	9108	2.36	cps
Arsenic	75-2	1910	1907	1753	1857	4.82	cps
Barium	135-1	746806	763810	769239	759952	1.54	cps
Barium	137-1	1296626	1328279	1316120	1313675	1.22	cps
Beryllium	9-1	6154	6159	6209	6174	0.49	cps
Bismuth	209-1	2582312	2671240	2647278	2633610	1.75	cps
Bismuth	209-2	955268	957637	966351	959752	0.61	cps
Bromine	81-1	3130	3190	3154	3158	0.96	cps
Cadmium	108-1	1063	1040	1130	1078	4.33	cps
Cadmium	106-1	2857	2960	2867	2895	1.97	cps
Cadmium	111-1	14252	14691	14492	14478	1.52	cps
Calcium	43-1	2473570	2542420	2556249	2524079	1.75	cps
Calcium	44-1	39968764	41204152	41300440	40824452	1.82	cps
Carbon	12-1	1509294	1623166	1670484	1600981	5.18	cps
Carbon	12-2	11088	11405	11538	11343	2.04	cps
Chlorine	35-1	35588741	37718175	39008447	37438454	4.61	cps
Chlorine	35-2	139343	141921	143601	141621	1.51	cps
Chromium	52-2	50104	50663	49893	50220	0.79	cps
Cobalt	59-2	19273	19323	19790	19462	1.47	cps
Copper	63-2	294844	298075	298267	297062	0.65	cps
Dysprosium	156-1	37639	38993	39725	38786	2.73	cps
Dysprosium	156-2	12299	12459	12272	12344	0.82	cps
Erbium	164-1	34214	34612	34104	34310	0.78	cps
Erbium	164-2	11178	11098	11031	11102	0.66	cps
Gadolinium	160-1	36383	36062	36807	36417	1.03	cps
Gadolinium	160-2	14241	15052	14842	14712	2.86	cps
Holmium	165-1	4219167	4249710	4360421	4276433	1.74	cps
Holmium	165-2	1346888	1358221	1370727	1358612	0.88	cps
Indium	115-1	3148106	3222197	3185819	3185374	1.16	cps
Indium	115-2	277348	280210	280702	279420	0.65	cps
Iron	54-2	822281	824814	834385	827160	0.77	cps
Iron	56-2	15805826	16047072	15992902	15948600	0.79	cps
Iron	57-2	383961	385541	387087	385530	0.41	cps
Krypton	83-1	83	110	127	107	20.50	cps
Lead	206-1	4194564	4252383	4368649	4271865	2.08	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3522966	3636622	3604916	3588168	1.63	cps
Lead	208-1	16278841	16668501	16857959	16601767	1.78	cps
Lithium	6-1	1051285	1086695	1123348	1087109	3.31	cps
Magnesium	24-2	640334	641349	644586	642090	0.35	cps
Manganese	55-2	2204353	2174715	2197955	2192341	0.71	cps
Molybdenum	94-1	23263	24161	23907	23777	1.95	cps
Molybdenum	95-1	9206	9250	9347	9268	0.77	cps
Molybdenum	96-1	12786	12886	13360	13011	2.36	cps
Molybdenum	97-1	5758	5751	5691	5733	0.64	cps
Molybdenum	98-1	14571	14805	14878	14751	1.09	cps
Neodymium	150-1	53483	54634	55441	54519	1.80	cps
Neodymium	150-2	12943	12966	12666	12858	1.30	cps
Nickel	60-2	31314	30927	31218	31153	0.65	cps
Phosphorus	31-2	1750	1707	1640	1699	3.26	cps
Potassium	39-2	192096	194140	193998	193411	0.59	cps
Rhodium	103-1	2782596	2874896	2927120	2861537	2.56	cps
Rhodium	103-2	980235	986268	998036	988179	0.92	cps
Scandium	45-1	1919640	1990276	1999918	1969945	2.23	cps
Scandium	45-2	30038	30950	31207	30732	2.00	cps
Selenium	82-1	107	77	33	72	51.05	cps
Selenium	77-2	50	37	30	39	26.18	cps
Selenium	78-2	17	33	27	26	32.81	cps
Silicon	28-1	36794454	37486178	37888082	37389571	1.48	cps
Silver	107-1	23971	24679	25474	24708	3.04	cps
Silver	109-1	23637	23427	24639	23901	2.71	cps
Sodium	23-2	87792	88147	88372	88104	0.33	cps
Strontium	86-1	1028700	1052605	1066717	1049341	1.83	cps
Strontium	88-1	9348231	9631537	9799281	9593016	2.38	cps
Sulfur	34-1	116611	119071	119975	118552	1.47	cps
Terbium	159-1	4285554	4362690	4431158	4359800	1.67	cps
Terbium	159-2	1288291	1296250	1296655	1293732	0.36	cps
Thallium	203-1	2560	2610	2417	2529	3.97	cps
Thallium	205-1	5775	6071	5885	5910	2.54	cps
Tin	118-1	42981	43783	44168	43644	1.39	cps
Titanium	47-1	233451	239896	241445	238264	1.78	cps
Uranium	238-1	86036	86849	88060	86982	1.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-13 Instrumnet Name : P8
Client Sample ID : MH2GY1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:01:25 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	29644	29350	29217	29404	0.74	cps
Ytterbium	172-1	10955	11268	11145	11123	1.42	cps
Ytterbium	172-2	4471	4457	4541	4490	1.00	cps
Ytterbium	176-1	7429	7302	7369	7367	0.86	cps
Ytterbium	176-2	2940	3070	2900	2970	2.99	cps
Yttrium	89-1	5822901	5992470	6115872	5977081	2.46	cps
Yttrium	89-2	364757	367000	369509	367089	0.65	cps
Zinc	66-2	321685	323253	322274	322404	0.25	cps
Zirconium	90-1	48832	50441	51709	50327	2.86	cps
Zirconium	91-1	10914	11358	11245	11172	2.06	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126621	126638	126182	126480	0.20	cps
Antimony	121-1	10768	10744	11181	10898	2.26	cps
Arsenic	75-2	2344	2327	2357	2342	0.64	cps
Barium	135-1	665070	685064	685424	678519	1.72	cps
Barium	137-1	1162418	1192212	1200880	1185170	1.70	cps
Beryllium	9-1	2815	2966	2929	2903	2.71	cps
Bismuth	209-1	2732356	2734447	2773888	2746897	0.85	cps
Bismuth	209-2	976341	988045	994156	986180	0.92	cps
Bromine	81-1	3424	3594	3607	3542	2.89	cps
Cadmium	108-1	1273	1297	1373	1315	3.98	cps
Cadmium	106-1	3180	2994	3290	3155	4.75	cps
Cadmium	111-1	19153	19363	19648	19388	1.28	cps
Calcium	43-1	1425520	1476651	1454131	1452101	1.76	cps
Calcium	44-1	23141171	23495608	23330958	23322579	0.76	cps
Carbon	12-1	1329131	1395603	1417986	1380906	3.35	cps
Carbon	12-2	9897	9733	9266	9632	3.40	cps
Chlorine	35-1	33176132	35100289	36007679	34761366	4.16	cps
Chlorine	35-2	129362	130902	129530	129932	0.65	cps
Chromium	52-2	13416	13413	13069	13300	1.50	cps
Cobalt	59-2	25740	25633	26111	25828	0.97	cps
Copper	63-2	423531	428227	425283	425680	0.56	cps
Dysprosium	156-1	37573	37950	38870	38131	1.75	cps
Dysprosium	156-2	12196	11975	12336	12169	1.49	cps
Erbium	164-1	32313	33191	33432	32979	1.79	cps
Erbium	164-2	10688	10464	10674	10609	1.18	cps
Gadolinium	160-1	34799	36346	35838	35661	2.21	cps
Gadolinium	160-2	14061	14405	14201	14222	1.22	cps
Holmium	165-1	4178358	4311328	4289913	4259866	1.68	cps
Holmium	165-2	1356638	1356426	1356425	1356496	0.01	cps
Indium	115-1	3186300	3227691	3272679	3228890	1.34	cps
Indium	115-2	281339	282297	279960	281199	0.42	cps
Iron	54-2	953388	957242	956305	955645	0.21	cps
Iron	56-2	18527338	18538650	18589012	18551667	0.18	cps
Iron	57-2	446691	446103	452000	448265	0.72	cps
Krypton	83-1	90	60	97	82	23.76	cps
Lead	206-1	5219593	5409455	5426295	5351781	2.14	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4426807	4554235	4544217	4508419	1.57	cps
Lead	208-1	20467614	20973586	21196595	20879265	1.79	cps
Lithium	6-1	1077914	1048041	1089876	1071944	2.01	cps
Magnesium	24-2	283809	280382	282097	282096	0.61	cps
Manganese	55-2	1844221	1815463	1828202	1829295	0.79	cps
Molybdenum	94-1	11358	11391	11525	11425	0.77	cps
Molybdenum	95-1	4808	4698	4901	4802	2.12	cps
Molybdenum	96-1	6872	6708	7012	6864	2.21	cps
Molybdenum	97-1	2927	2840	3004	2924	2.80	cps
Molybdenum	98-1	7475	7602	7289	7455	2.12	cps
Neodymium	150-1	53399	55169	55313	54627	1.95	cps
Neodymium	150-2	12930	13113	12840	12961	1.08	cps
Nickel	60-2	25082	24952	25733	25256	1.66	cps
Phosphorus	31-2	1697	1860	1887	1815	5.67	cps
Potassium	39-2	115416	116724	116878	116340	0.69	cps
Rhodium	103-1	2930387	2883968	2966466	2926940	1.41	cps
Rhodium	103-2	997928	1001975	1002257	1000720	0.24	cps
Scandium	45-1	1924973	1906658	1967793	1933141	1.62	cps
Scandium	45-2	30492	30542	30238	30424	0.54	cps
Selenium	82-1	63	130	53	82	50.69	cps
Selenium	77-2	37	53	33	41	26.06	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	15216493	15287136	15464458	15322695	0.83	cps
Silver	107-1	39928	41395	41125	40816	1.91	cps
Silver	109-1	38728	39547	39797	39357	1.42	cps
Sodium	23-2	52102	51172	52517	51931	1.33	cps
Strontium	86-1	610968	621311	629795	620692	1.52	cps
Strontium	88-1	5537659	5648982	5678302	5621648	1.32	cps
Sulfur	34-1	95854	97300	100545	97900	2.45	cps
Terbium	159-1	4298192	4303161	4404866	4335406	1.39	cps
Terbium	159-2	1289439	1296440	1298311	1294730	0.36	cps
Thallium	203-1	3217	3294	3234	3248	1.24	cps
Thallium	205-1	7726	7789	7539	7685	1.69	cps
Tin	118-1	70825	71920	71656	71467	0.80	cps
Titanium	47-1	101730	103469	103345	102848	0.94	cps
Uranium	238-1	55153	56362	56117	55877	1.14	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-14 Instrumnet Name : P8
Client Sample ID : MH2GY2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:04:42 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26678	26632	27052	26787	0.86	cps
Ytterbium	172-1	9620	9991	10071	9894	2.43	cps
Ytterbium	172-2	4137	3714	3734	3862	6.19	cps
Ytterbium	176-1	6405	6682	6588	6558	2.15	cps
Ytterbium	176-2	2627	2540	2540	2569	1.95	cps
Yttrium	89-1	6004082	5866207	6098718	5989669	1.95	cps
Yttrium	89-2	363512	365053	359296	362620	0.82	cps
Zinc	66-2	453273	456780	459006	456353	0.63	cps
Zirconium	90-1	22405	23563	23563	23177	2.89	cps
Zirconium	91-1	4954	5194	5374	5174	4.07	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112937	113431	113884	113417	0.42	cps
Antimony	121-1	7115	7616	7539	7423	3.63	cps
Arsenic	75-2	1663	1797	1750	1737	3.90	cps
Barium	135-1	634447	646135	647281	642621	1.11	cps
Barium	137-1	1101762	1123351	1131682	1118932	1.38	cps
Beryllium	9-1	2247	2277	2299	2274	1.13	cps
Bismuth	209-1	2763080	2718421	2798456	2759986	1.45	cps
Bismuth	209-2	986468	993831	988375	989558	0.39	cps
Bromine	81-1	3961	4254	4124	4113	3.57	cps
Cadmium	108-1	760	837	837	811	5.46	cps
Cadmium	106-1	2544	2474	2574	2530	2.03	cps
Cadmium	111-1	12150	12811	13088	12683	3.80	cps
Calcium	43-1	1114306	1139196	1141623	1131708	1.34	cps
Calcium	44-1	18768760	19161671	19258947	19063126	1.36	cps
Carbon	12-1	1036474	1116195	1150636	1101102	5.32	cps
Carbon	12-2	7702	7619	7622	7648	0.62	cps
Chlorine	35-1	32418532	34272230	35489130	34059964	4.54	cps
Chlorine	35-2	125855	127156	127142	126718	0.59	cps
Chromium	52-2	13723	13813	13770	13769	0.33	cps
Cobalt	59-2	21944	21937	22378	22086	1.14	cps
Copper	63-2	258552	261311	260976	260280	0.58	cps
Dysprosium	156-1	40802	42805	42868	42158	2.79	cps
Dysprosium	156-2	13403	13250	12946	13200	1.76	cps
Erbium	164-1	34327	35333	35053	34905	1.49	cps
Erbium	164-2	11468	10918	11238	11208	2.47	cps
Gadolinium	160-1	38211	38154	38927	38431	1.12	cps
Gadolinium	160-2	14968	15422	15613	15334	2.16	cps
Holmium	165-1	4230811	4307876	4324276	4287654	1.16	cps
Holmium	165-2	1358995	1365482	1367863	1364113	0.34	cps
Indium	115-1	3199378	3217887	3255410	3224225	0.89	cps
Indium	115-2	281743	282982	282274	282333	0.22	cps
Iron	54-2	667377	668214	671242	668944	0.30	cps
Iron	56-2	13209780	13003713	13144490	13119328	0.80	cps
Iron	57-2	314862	312897	313083	313614	0.35	cps
Krypton	83-1	100	77	87	88	13.33	cps
Lead	206-1	3428252	3536786	3547823	3504287	1.89	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2875278	2944961	2938872	2919703	1.32	cps
Lead	208-1	13364314	13693439	13640831	13566195	1.30	cps
Lithium	6-1	1052566	1070580	1088975	1070707	1.70	cps
Magnesium	24-2	221198	222288	221713	221733	0.25	cps
Manganese	55-2	1095740	1098298	1104763	1099601	0.42	cps
Molybdenum	94-1	9180	9553	9557	9430	2.30	cps
Molybdenum	95-1	5274	5308	5558	5380	2.88	cps
Molybdenum	96-1	6892	7008	6765	6888	1.77	cps
Molybdenum	97-1	3290	3174	3297	3254	2.13	cps
Molybdenum	98-1	8179	8723	8706	8536	3.62	cps
Neodymium	150-1	63014	64430	64645	64030	1.38	cps
Neodymium	150-2	14748	15018	15342	15036	1.98	cps
Nickel	60-2	47007	46218	45325	46183	1.82	cps
Phosphorus	31-2	1580	1543	1587	1570	1.49	cps
Potassium	39-2	106969	108692	109518	108393	1.20	cps
Rhodium	103-1	2908681	2936400	2900200	2915094	0.65	cps
Rhodium	103-2	1009639	1013605	1016086	1013110	0.32	cps
Scandium	45-1	1930096	1902391	1956509	1929665	1.40	cps
Scandium	45-2	30479	29520	31184	30394	2.75	cps
Selenium	82-1	23	140	60	74	80.13	cps
Selenium	77-2	63	33	30	42	43.48	cps
Selenium	78-2	27	30	37	31	16.37	cps
Silicon	28-1	12218760	12345089	12334727	12299526	0.57	cps
Silver	107-1	24959	24789	25804	25184	2.16	cps
Silver	109-1	23861	23968	24265	24031	0.87	cps
Sodium	23-2	46079	46494	46253	46275	0.45	cps
Strontium	86-1	450334	460262	463974	458190	1.54	cps
Strontium	88-1	4158843	4225443	4212811	4199032	0.84	cps
Sulfur	34-1	94770	96351	96280	95801	0.93	cps
Terbium	159-1	4317739	4389453	4403850	4370348	1.06	cps
Terbium	159-2	1318513	1312723	1304942	1312059	0.52	cps
Thallium	203-1	2254	2494	2204	2317	6.69	cps
Thallium	205-1	5485	5795	5848	5709	3.44	cps
Tin	118-1	42880	44940	44799	44207	2.60	cps
Titanium	47-1	60396	60370	61411	60725	0.98	cps
Uranium	238-1	43795	44625	43648	44023	1.20	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-15 Instrumnet Name : P8
Client Sample ID : MH2GY3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:08:02 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28532	29888	29671	29363	2.48	cps
Ytterbium	172-1	10267	10174	10207	10216	0.46	cps
Ytterbium	172-2	4254	4007	3914	4058	4.33	cps
Ytterbium	176-1	6602	6505	6929	6678	3.32	cps
Ytterbium	176-2	2687	2597	2660	2648	1.75	cps
Yttrium	89-1	5982981	5998194	6016828	5999334	0.28	cps
Yttrium	89-2	363200	365134	365495	364610	0.34	cps
Zinc	66-2	270486	271331	270587	270801	0.17	cps
Zirconium	90-1	17157	17968	17414	17513	2.37	cps
Zirconium	91-1	3837	3964	3951	3917	1.78	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177508	179742	177815	178355	0.68	cps
Antimony	121-1	12556	12733	12312	12534	1.68	cps
Arsenic	75-2	1317	1430	1437	1395	4.84	cps
Barium	135-1	553944	564356	570737	563012	1.51	cps
Barium	137-1	961751	986432	990555	979579	1.59	cps
Beryllium	9-1	3495	3467	3613	3525	2.19	cps
Bismuth	209-1	2655285	2594977	2690237	2646833	1.82	cps
Bismuth	209-2	967543	961410	965401	964784	0.32	cps
Bromine	81-1	3777	4047	4177	4001	5.10	cps
Cadmium	108-1	770	790	667	742	8.92	cps
Cadmium	106-1	2424	2340	2527	2430	3.85	cps
Cadmium	111-1	9840	10352	10465	10219	3.26	cps
Calcium	43-1	1751030	1770114	1832102	1784415	2.38	cps
Calcium	44-1	28385060	28786095	29021986	28731047	1.12	cps
Carbon	12-1	1409809	1494650	1496310	1466923	3.37	cps
Carbon	12-2	10450	10367	10330	10383	0.59	cps
Chlorine	35-1	30773733	32847660	33692858	32438084	4.63	cps
Chlorine	35-2	121982	122825	124701	123169	1.13	cps
Chromium	52-2	98205	96687	96962	97285	0.83	cps
Cobalt	59-2	19854	19904	19754	19837	0.39	cps
Copper	63-2	172631	172574	173887	173031	0.43	cps
Dysprosium	156-1	42213	43377	43634	43075	1.76	cps
Dysprosium	156-2	13056	12523	12259	12613	3.22	cps
Erbium	164-1	33462	33519	33846	33609	0.62	cps
Erbium	164-2	10998	11405	10488	10963	4.19	cps
Gadolinium	160-1	37429	36934	37609	37324	0.94	cps
Gadolinium	160-2	14742	14862	15152	14918	1.41	cps
Holmium	165-1	4271070	4308206	4335976	4305084	0.76	cps
Holmium	165-2	1349927	1351630	1364946	1355501	0.61	cps
Indium	115-1	3187334	3178848	3255576	3207252	1.31	cps
Indium	115-2	276950	279544	279829	278774	0.57	cps
Iron	54-2	1105277	1107861	1110821	1107986	0.25	cps
Iron	56-2	21353221	21493712	21348188	21398374	0.39	cps
Iron	57-2	514164	518055	519089	517103	0.50	cps
Krypton	83-1	90	103	77	90	14.81	cps
Lead	206-1	3343600	3350308	3381962	3358623	0.61	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2747040	2824088	2806056	2792395	1.44	cps
Lead	208-1	12731637	12960361	13053180	12915059	1.28	cps
Lithium	6-1	1065420	1066204	1070502	1067375	0.26	cps
Magnesium	24-2	707725	712073	705689	708496	0.46	cps
Manganese	55-2	1492567	1481191	1474378	1482712	0.62	cps
Molybdenum	94-1	18876	19263	19607	19249	1.90	cps
Molybdenum	95-1	7019	7435	7302	7252	2.94	cps
Molybdenum	96-1	10017	10417	10804	10413	3.78	cps
Molybdenum	97-1	4441	4361	4434	4412	1.01	cps
Molybdenum	98-1	11491	11772	11121	11462	2.85	cps
Neodymium	150-1	62290	63754	65160	63735	2.25	cps
Neodymium	150-2	14795	15325	15346	15155	2.06	cps
Nickel	60-2	22167	21900	22538	22202	1.44	cps
Phosphorus	31-2	1900	1910	1953	1921	1.48	cps
Potassium	39-2	175081	176592	175496	175723	0.44	cps
Rhodium	103-1	2853311	2879119	2891267	2874566	0.67	cps
Rhodium	103-2	990032	996329	997225	994529	0.39	cps
Scandium	45-1	1905437	1919106	1951976	1925506	1.24	cps
Scandium	45-2	29848	30168	30419	30145	0.95	cps
Selenium	82-1	57	53	73	61	17.53	cps
Selenium	77-2	33	53	37	41	26.06	cps
Selenium	78-2	23	10	17	17	39.99	cps
Silicon	28-1	31652360	32122979	32263352	32012897	1.00	cps
Silver	107-1	13570	14698	14544	14271	4.29	cps
Silver	109-1	13650	13930	14064	13882	1.52	cps
Sodium	23-2	79927	81288	79277	80164	1.28	cps
Strontium	86-1	686702	699814	707417	697977	1.50	cps
Strontium	88-1	6303905	6313300	6398140	6338449	0.82	cps
Sulfur	34-1	111122	114656	115647	113808	2.09	cps
Terbium	159-1	4353424	4355219	4332155	4346933	0.30	cps
Terbium	159-2	1288925	1294459	1301285	1294890	0.48	cps
Thallium	203-1	1003	1007	1110	1040	5.83	cps
Thallium	205-1	2544	2380	2560	2495	3.99	cps
Tin	118-1	37769	38781	39390	38647	2.12	cps
Titanium	47-1	170854	175566	175671	174030	1.58	cps
Uranium	238-1	57634	58267	58401	58100	0.71	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-16 Instrumnet Name : P8
Client Sample ID : MH2GY4 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:11:21 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	36837	36687	36176	36567	0.95	cps
Ytterbium	172-1	9737	9894	10344	9992	3.15	cps
Ytterbium	172-2	3791	3811	3781	3794	0.40	cps
Ytterbium	176-1	6698	6612	6798	6703	1.39	cps
Ytterbium	176-2	2494	2560	2477	2510	1.76	cps
Yttrium	89-1	5916551	5953853	5913525	5927976	0.38	cps
Yttrium	89-2	360936	362459	363161	362185	0.31	cps
Zinc	66-2	377745	378695	378622	378354	0.14	cps
Zirconium	90-1	39837	40569	40636	40347	1.10	cps
Zirconium	91-1	9076	8446	9140	8887	4.32	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167451	167104	167623	167392	0.16	cps
Antimony	121-1	10724	11255	10831	10937	2.57	cps
Arsenic	75-2	3160	3180	3267	3203	1.77	cps
Barium	135-1	666458	675513	682920	674964	1.22	cps
Barium	137-1	1161813	1187921	1186355	1178696	1.24	cps
Beryllium	9-1	3624	3678	3653	3651	0.74	cps
Bismuth	209-1	2701397	2700010	2723170	2708192	0.48	cps
Bismuth	209-2	967083	971085	975211	971126	0.42	cps
Bromine	81-1	4497	4521	4574	4531	0.87	cps
Cadmium	108-1	1520	1423	1490	1478	3.35	cps
Cadmium	106-1	3274	3530	3560	3455	4.56	cps
Cadmium	111-1	21152	22221	21841	21738	2.49	cps
Calcium	43-1	2004988	1995238	2011455	2003894	0.41	cps
Calcium	44-1	32043372	32261084	32542173	32282210	0.77	cps
Carbon	12-1	1508492	1612231	1620061	1580261	3.94	cps
Carbon	12-2	11084	11294	10834	11071	2.08	cps
Chlorine	35-1	30984165	33225403	34331234	32846934	5.19	cps
Chlorine	35-2	122970	124577	124600	124049	0.75	cps
Chromium	52-2	42429	42744	42998	42724	0.67	cps
Cobalt	59-2	25389	26107	26171	25889	1.68	cps
Copper	63-2	412680	415254	416787	414907	0.50	cps
Dysprosium	156-1	39468	40073	40725	40089	1.57	cps
Dysprosium	156-2	12259	12469	12516	12415	1.10	cps
Erbium	164-1	33168	33155	34217	33513	1.82	cps
Erbium	164-2	10915	10995	11225	11045	1.46	cps
Gadolinium	160-1	36269	36610	36894	36591	0.86	cps
Gadolinium	160-2	14692	14415	14324	14477	1.32	cps
Holmium	165-1	4270574	4201040	4272833	4248149	0.96	cps
Holmium	165-2	1339901	1342622	1338478	1340334	0.16	cps
Indium	115-1	3211003	3241211	3224414	3225543	0.47	cps
Indium	115-2	275320	276041	278467	276609	0.60	cps
Iron	54-2	1089684	1092801	1091986	1091490	0.15	cps
Iron	56-2	21205657	21247352	21308055	21253688	0.24	cps
Iron	57-2	510063	512405	510218	510896	0.26	cps
Krypton	83-1	93	77	73	81	13.21	cps
Lead	206-1	5771611	5880539	5783119	5811756	1.03	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4875420	4944143	4869526	4896363	0.85	cps
Lead	208-1	22416658	22775602	22841924	22678061	1.01	cps
Lithium	6-1	1062358	1070525	1079740	1070874	0.81	cps
Magnesium	24-2	472315	473238	472645	472733	0.10	cps
Manganese	55-2	1935143	1940341	1921843	1932442	0.49	cps
Molybdenum	94-1	15011	15032	15282	15108	1.00	cps
Molybdenum	95-1	5841	5398	5431	5557	4.45	cps
Molybdenum	96-1	8049	8319	8386	8251	2.16	cps
Molybdenum	97-1	3300	3474	3450	3408	2.76	cps
Molybdenum	98-1	8876	8920	9000	8932	0.70	cps
Neodymium	150-1	57854	60961	60385	59733	2.77	cps
Neodymium	150-2	14184	14104	13901	14063	1.04	cps
Nickel	60-2	27991	27577	28165	27911	1.08	cps
Phosphorus	31-2	1730	1633	1680	1681	2.88	cps
Potassium	39-2	149856	152684	150653	151064	0.97	cps
Rhodium	103-1	2836662	2843944	2840503	2840369	0.13	cps
Rhodium	103-2	982505	983722	976852	981026	0.37	cps
Scandium	45-1	1901633	1899654	1938038	1913108	1.13	cps
Scandium	45-2	29781	30800	29687	30089	2.05	cps
Selenium	82-1	90	50	60	67	31.23	cps
Selenium	77-2	53	47	37	46	18.41	cps
Selenium	78-2	23	17	30	23	28.56	cps
Silicon	28-1	24583459	24805183	25079358	24822667	1.00	cps
Silver	107-1	39038	39105	39744	39296	0.99	cps
Silver	109-1	37882	37551	38276	37903	0.96	cps
Sodium	23-2	67257	67009	68242	67503	0.97	cps
Strontium	86-1	760455	777039	781341	772945	1.43	cps
Strontium	88-1	6927673	7097486	7138504	7054554	1.58	cps
Sulfur	34-1	108382	110363	111209	109984	1.32	cps
Terbium	159-1	4334530	4329435	4363216	4342393	0.42	cps
Terbium	159-2	1276486	1287319	1283314	1282373	0.43	cps
Thallium	203-1	2467	2434	2347	2416	2.56	cps
Thallium	205-1	6081	5811	5935	5943	2.28	cps
Tin	118-1	51312	51650	51711	51558	0.42	cps
Titanium	47-1	132313	135075	134103	133830	1.05	cps
Uranium	238-1	54985	54179	56793	55319	2.42	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-17 Instrumnet Name : P8
Client Sample ID : MH2GY5 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:14:41 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	36426	36553	36560	36513	0.21	cps
Ytterbium	172-1	9727	10254	10161	10047	2.80	cps
Ytterbium	172-2	3934	4047	4174	4052	2.96	cps
Ytterbium	176-1	6702	6965	6775	6814	2.00	cps
Ytterbium	176-2	2714	2587	2754	2685	3.24	cps
Yttrium	89-1	5923722	5872473	5920219	5905471	0.48	cps
Yttrium	89-2	357301	361968	359962	359744	0.65	cps
Zinc	66-2	494732	493036	495082	494283	0.22	cps
Zirconium	90-1	32448	33868	33250	33188	2.15	cps
Zirconium	91-1	7212	7345	7572	7376	2.47	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416603	411349	412476	413476	0.67	cps
Antimony	121-1	1621148	1609621	1619139	1616636	0.38	cps
Arsenic	75-2	24538	24498	24218	24418	0.72	cps
Barium	135-1	2008006	2013010	1968488	1996501	1.22	cps
Barium	137-1	3466845	3420360	3397642	3428283	1.03	cps
Beryllium	9-1	353119	351849	349881	351616	0.46	cps
Bismuth	209-1	2260450	2227891	2197146	2228496	1.42	cps
Bismuth	209-2	806675	805929	802900	805168	0.25	cps
Bromine	81-1	2097	1900	1900	1966	5.78	cps
Cadmium	108-1	27862	27387	26699	27316	2.14	cps
Cadmium	106-1	38681	40138	39603	39474	1.87	cps
Cadmium	111-1	355792	356530	354425	355582	0.30	cps
Calcium	43-1	2184300	2212306	2183336	2193314	0.75	cps
Calcium	44-1	35763270	35269648	35435818	35489579	0.71	cps
Carbon	12-1	698098	710754	714647	707833	1.22	cps
Carbon	12-2	4811	4854	4764	4810	0.94	cps
Chlorine	35-1	2030698	1843864	1733679	1869414	8.03	cps
Chlorine	35-2	5154	4904	4778	4945	3.88	cps
Chromium	52-2	231770	229854	232170	231265	0.54	cps
Cobalt	59-2	448461	445656	445070	446395	0.41	cps
Copper	63-2	3529813	3489745	3493637	3504398	0.63	cps
Dysprosium	156-1	363	397	440	400	9.61	cps
Dysprosium	156-2	43	43	47	44	4.34	cps
Erbium	164-1	113	133	63	103	34.90	cps
Erbium	164-2	23	27	37	29	24.03	cps
Gadolinium	160-1	113	70	97	93	23.42	cps
Gadolinium	160-2	10	37	33	27	54.49	cps
Holmium	165-1	3773992	3740143	3713127	3742420	0.81	cps
Holmium	165-2	1192967	1193863	1173027	1186619	0.99	cps
Indium	115-1	2715038	2705324	2661647	2694003	1.06	cps
Indium	115-2	233045	233110	230601	232252	0.62	cps
Iron	54-2	2404389	2418081	2447510	2423327	0.91	cps
Iron	56-2	44560209	44234949	43975609	44256923	0.66	cps
Iron	57-2	1075483	1065969	1060559	1067337	0.71	cps
Krypton	83-1	60	63	47	57	15.56	cps
Lead	206-1	6333150	6459645	6284538	6359111	1.42	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5466264	5426524	5440510	5444433	0.37	cps
Lead	208-1	25222434	25370823	25034114	25209124	0.67	cps
Lithium	6-1	886929	874103	866191	875741	1.20	cps
Magnesium	24-2	7295635	7192405	7206055	7231365	0.78	cps
Manganese	55-2	965272	956017	955029	958773	0.59	cps
Molybdenum	94-1	5372619	5332180	5340818	5348539	0.40	cps
Molybdenum	95-1	7637879	7659014	7600402	7632432	0.39	cps
Molybdenum	96-1	8393612	8358295	8334196	8362034	0.36	cps
Molybdenum	97-1	4692729	4709777	4766919	4723142	0.82	cps
Molybdenum	98-1	12363711	12369484	12352214	12361803	0.07	cps
Neodymium	150-1	177	193	203	191	7.05	cps
Neodymium	150-2	7	3	27	12	103.26	cps
Nickel	60-2	124051	123174	122615	123280	0.59	cps
Phosphorus	31-2	4111	3727	3894	3911	4.92	cps
Potassium	39-2	2235376	2206299	2204570	2215415	0.78	cps
Rhodium	103-1	2407503	2400013	2351230	2386249	1.28	cps
Rhodium	103-2	806579	799785	798768	801710	0.53	cps
Scandium	45-1	1639672	1657345	1659043	1652020	0.65	cps
Scandium	45-2	25296	25022	25703	25340	1.35	cps
Selenium	82-1	21366	21483	21253	21368	0.54	cps
Selenium	77-2	320	347	193	287	28.58	cps
Selenium	78-2	993	957	1070	1007	5.74	cps
Silicon	28-1	15267252	15419468	15167184	15284635	0.83	cps
Silver	107-1	1874120	1849609	1825305	1849678	1.32	cps
Silver	109-1	1805327	1767363	1759934	1777542	1.37	cps
Sodium	23-2	14367173	14292880	14198708	14286254	0.59	cps
Strontium	86-1	492458	495900	492752	493703	0.39	cps
Strontium	88-1	4473922	4553088	4466713	4497908	1.07	cps
Sulfur	34-1	203806	200710	200149	201555	0.98	cps
Terbium	159-1	3969995	3861091	3731535	3854207	3.10	cps
Terbium	159-2	1125537	1133756	1137803	1132365	0.55	cps
Thallium	203-1	1543713	1539473	1538835	1540673	0.17	cps
Thallium	205-1	3886963	3909180	3809693	3868612	1.35	cps
Tin	118-1	1228145	1213875	1206842	1216287	0.89	cps
Titanium	47-1	1972321	2004080	1962731	1979711	1.09	cps
Uranium	238-1	5266844	5232710	5295811	5265122	0.60	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV014 Instrumnet Name : P8
Client Sample ID : CCV014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:17:58 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	187446	185877	187919	187081	0.57	cps
Ytterbium	172-1	123	130	137	130	5.13	cps
Ytterbium	172-2	40	37	23	33	26.47	cps
Ytterbium	176-1	7819	7812	7832	7821	0.13	cps
Ytterbium	176-2	2507	2504	2434	2481	1.67	cps
Yttrium	89-1	4695311	4719126	4664505	4692981	0.58	cps
Yttrium	89-2	287453	283558	282081	284364	0.98	cps
Zinc	66-2	366244	367108	366117	366490	0.15	cps
Zirconium	90-1	2727474	2697210	2715864	2713516	0.56	cps
Zirconium	91-1	569442	567948	562529	566640	0.64	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	10	23	18	39.03	cps
Antimony	121-1	483	447	417	449	7.44	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	430	350	283	354	20.72	cps
Barium	137-1	613	590	543	582	6.12	cps
Beryllium	9-1	256	229	229	238	6.67	cps
Bismuth	209-1	2486362	2455956	2459266	2467195	0.68	cps
Bismuth	209-2	903737	902183	906352	904091	0.23	cps
Bromine	81-1	1770	1623	1877	1757	7.24	cps
Cadmium	108-1	3	7	10	7	50.03	cps
Cadmium	106-1	1017	1050	1050	1039	1.85	cps
Cadmium	111-1	753	777	781	770	2.01	cps
Calcium	43-1	230	177	150	186	21.95	cps
Calcium	44-1	3500	2770	2667	2979	15.25	cps
Carbon	12-1	594823	588013	587743	590193	0.68	cps
Carbon	12-2	3604	3384	3617	3535	3.71	cps
Chlorine	35-1	828953	778234	733091	780093	6.15	cps
Chlorine	35-2	2474	2327	2490	2430	3.70	cps
Chromium	52-2	127	127	143	132	7.28	cps
Cobalt	59-2	90	73	47	70	31.22	cps
Copper	63-2	850	810	773	811	4.73	cps
Dysprosium	156-1	140	193	147	160	18.16	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	20	23	23	22	8.65	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	7	13	17	12	41.65	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	3795186	3741851	3738472	3758503	0.85	cps
Holmium	165-2	1204188	1206207	1209267	1206554	0.21	cps
Indium	115-1	2851657	2850363	2802461	2834827	0.99	cps
Indium	115-2	249826	249010	250123	249653	0.23	cps
Iron	54-2	333	297	290	307	7.61	cps
Iron	56-2	5381	5114	4998	5164	3.81	cps
Iron	57-2	147	130	150	142	7.53	cps
Krypton	83-1	30	40	40	37	15.75	cps
Lead	206-1	1287	1047	907	1080	17.80	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	960	903	717	860	14.81	cps
Lead	208-1	4657	3887	3630	4058	13.17	cps
Lithium	6-1	884172	882488	877112	881257	0.42	cps
Magnesium	24-2	690	653	683	676	2.89	cps
Manganese	55-2	323	343	293	320	7.86	cps
Molybdenum	94-1	423	390	427	413	4.91	cps
Molybdenum	95-1	660	477	430	522	23.28	cps
Molybdenum	96-1	710	557	627	631	12.16	cps
Molybdenum	97-1	393	280	230	301	27.79	cps
Molybdenum	98-1	947	717	667	777	19.23	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	303	360	350	338	8.95	cps
Phosphorus	31-2	3	0	3	2	86.60	cps
Potassium	39-2	3484	3437	3347	3423	2.03	cps
Rhodium	103-1	2617251	2589897	2586021	2597723	0.66	cps
Rhodium	103-2	893867	900209	896082	896719	0.36	cps
Scandium	45-1	1655117	1642875	1634566	1644186	0.63	cps
Scandium	45-2	25469	24928	25413	25270	1.18	cps
Selenium	82-1	13	-3	20	10	120.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	3	3	2	86.60	cps
Silicon	28-1	92334	90600	89758	90897	1.45	cps
Silver	107-1	323	270	267	287	11.09	cps
Silver	109-1	270	287	227	261	11.86	cps
Sodium	23-2	16867	17364	16743	16991	1.93	cps
Strontium	86-1	97	83	117	99	16.97	cps
Strontium	88-1	400	357	390	382	5.94	cps
Sulfur	34-1	78974	76326	77382	77561	1.72	cps
Terbium	159-1	3854962	3805552	3865117	3841877	0.83	cps
Terbium	159-2	1154754	1152965	1148684	1152134	0.27	cps
Thallium	203-1	423	377	273	358	21.46	cps
Thallium	205-1	843	750	693	762	9.94	cps
Tin	118-1	443	363	473	427	13.33	cps
Titanium	47-1	387	103	63	185	95.59	cps
Uranium	238-1	313	243	240	266	15.59	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB014 Instrumnet Name : P8
Client Sample ID : CCB014 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:21:04 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	0	7	3	100.05	cps
Ytterbium	172-1	17	23	17	19	20.36	cps
Ytterbium	172-2	13	3	3	7	86.65	cps
Ytterbium	176-1	410	380	373	388	5.04	cps
Ytterbium	176-2	50	47	47	48	4.02	cps
Yttrium	89-1	4747300	4718715	4625279	4697098	1.36	cps
Yttrium	89-2	289026	289891	287754	288890	0.37	cps
Zinc	66-2	73	97	80	83	14.43	cps
Zirconium	90-1	367	307	293	322	12.12	cps
Zirconium	91-1	60	53	53	56	6.93	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90744	92253	92273	91757	0.96	cps
Antimony	121-1	7505	7689	7849	7681	2.24	cps
Arsenic	75-2	2527	2687	2774	2663	4.70	cps
Barium	135-1	483525	499197	510716	497813	2.74	cps
Barium	137-1	849229	873006	882253	868163	1.96	cps
Beryllium	9-1	1862	1847	2025	1912	5.15	cps
Bismuth	209-1	2541713	2503743	2607056	2550837	2.05	cps
Bismuth	209-2	966942	966474	907569	946995	3.61	cps
Bromine	81-1	3444	3897	4001	3781	7.83	cps
Cadmium	108-1	927	987	917	943	4.01	cps
Cadmium	106-1	2447	2630	2507	2528	3.70	cps
Cadmium	111-1	13603	14500	14483	14196	3.61	cps
Calcium	43-1	1169987	1244811	1271175	1228658	4.27	cps
Calcium	44-1	19554300	20100988	20531852	20062380	2.44	cps
Carbon	12-1	763523	801989	828401	797971	4.09	cps
Carbon	12-2	5091	5104	5181	5125	0.95	cps
Chlorine	35-1	26499894	28949315	30106653	28518621	6.46	cps
Chlorine	35-2	113127	111979	115379	113495	1.52	cps
Chromium	52-2	10237	10230	10264	10244	0.17	cps
Cobalt	59-2	20471	20051	20598	20374	1.41	cps
Copper	63-2	315525	317500	319983	317669	0.70	cps
Dysprosium	156-1	38308	39562	39829	39233	2.07	cps
Dysprosium	156-2	13060	12976	12920	12985	0.54	cps
Erbium	164-1	32496	32797	33937	33077	2.30	cps
Erbium	164-2	11295	10965	11161	11140	1.49	cps
Gadolinium	160-1	35718	35998	36995	36237	1.85	cps
Gadolinium	160-2	15125	14758	14588	14824	1.85	cps
Holmium	165-1	3911352	4014551	4032990	3986298	1.64	cps
Holmium	165-2	1345526	1332141	1259722	1312463	3.52	cps
Indium	115-1	2943959	3017232	3029055	2996748	1.54	cps
Indium	115-2	275007	275267	256322	268866	4.04	cps
Iron	54-2	509027	514657	516645	513443	0.77	cps
Iron	56-2	9862530	9940646	10024178	9942451	0.81	cps
Iron	57-2	236896	241129	242861	240295	1.28	cps
Krypton	83-1	87	87	80	84	4.56	cps
Lead	206-1	3265794	3398467	3421091	3361784	2.50	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2789892	2879000	2882307	2850400	1.84	cps
Lead	208-1	12875368	13285244	13417896	13192836	2.14	cps
Lithium	6-1	947084	966842	994142	969356	2.44	cps
Magnesium	24-2	198974	198667	200553	199398	0.51	cps
Manganese	55-2	951025	955460	964000	956828	0.69	cps
Molybdenum	94-1	8419	8373	8529	8440	0.95	cps
Molybdenum	95-1	3444	3597	3791	3611	4.81	cps
Molybdenum	96-1	5174	5164	5191	5177	0.26	cps
Molybdenum	97-1	2364	2410	2244	2339	3.68	cps
Molybdenum	98-1	5444	5975	6258	5892	7.01	cps
Neodymium	150-1	56492	58065	59528	58028	2.62	cps
Neodymium	150-2	14164	13937	14324	14142	1.38	cps
Nickel	60-2	18108	18145	18616	18290	1.55	cps
Phosphorus	31-2	1337	1467	1440	1415	4.85	cps
Potassium	39-2	77215	78190	77982	77796	0.66	cps
Rhodium	103-1	2620970	2631467	2672343	2641594	1.03	cps
Rhodium	103-2	976225	977591	915841	956552	3.69	cps
Scandium	45-1	1681833	1753146	1767630	1734203	2.65	cps
Scandium	45-2	29297	29210	27560	28689	3.41	cps
Selenium	82-1	33	63	37	44	36.99	cps
Selenium	77-2	43	33	37	38	13.48	cps
Selenium	78-2	23	27	23	24	7.89	cps
Silicon	28-1	6177108	6439430	6476440	6364326	2.56	cps
Silver	107-1	26452	27274	27464	27063	1.99	cps
Silver	109-1	24876	26268	25941	25695	2.83	cps
Sodium	23-2	43959	44865	45106	44644	1.35	cps
Strontium	86-1	407162	419515	426304	417660	2.32	cps
Strontium	88-1	3711781	3748427	3963815	3808008	3.58	cps
Sulfur	34-1	88059	91278	91929	90422	2.29	cps
Terbium	159-1	3985498	4065607	4112824	4054643	1.59	cps
Terbium	159-2	1286180	1270407	1196081	1250889	3.85	cps
Thallium	203-1	2484	2444	2904	2610	9.76	cps
Thallium	205-1	6312	6438	6375	6375	0.99	cps
Tin	118-1	25865	26335	26796	26332	1.77	cps
Titanium	47-1	46361	47639	48896	47632	2.66	cps
Uranium	238-1	30914	31158	31680	31251	1.25	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-18 Instrumnet Name : P8
Client Sample ID : MH2GY6 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:26:34 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28208	27911	28478	28199	1.01	cps
Ytterbium	172-1	9183	9770	9700	9551	3.36	cps
Ytterbium	172-2	3907	3967	3907	3927	0.88	cps
Ytterbium	176-1	6238	6452	6638	6443	3.11	cps
Ytterbium	176-2	2427	2780	2627	2611	6.79	cps
Yttrium	89-1	5319672	5404687	5512250	5412203	1.78	cps
Yttrium	89-2	355922	353879	332559	347454	3.72	cps
Zinc	66-2	206258	207942	210800	208333	1.10	cps
Zirconium	90-1	16677	16940	16690	16769	0.89	cps
Zirconium	91-1	3781	3824	3847	3817	0.89	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84503	85456	85637	85198	0.71	cps
Antimony	121-1	3964	4034	3877	3958	1.98	cps
Arsenic	75-2	1127	1263	1070	1153	8.62	cps
Barium	135-1	468110	480000	482075	476729	1.58	cps
Barium	137-1	815009	833364	836779	828384	1.41	cps
Beryllium	9-1	1439	1521	1521	1494	3.19	cps
Bismuth	209-1	2567067	2592045	2632623	2597245	1.27	cps
Bismuth	209-2	946380	951708	951433	949840	0.32	cps
Bromine	81-1	4264	4537	4764	4522	5.54	cps
Cadmium	108-1	317	330	247	298	15.03	cps
Cadmium	106-1	1743	1797	1783	1775	1.56	cps
Cadmium	111-1	5126	5284	5470	5293	3.25	cps
Calcium	43-1	1450944	1495576	1522391	1489637	2.42	cps
Calcium	44-1	23875050	24209429	24470157	24184879	1.23	cps
Carbon	12-1	803636	729469	757431	763512	4.91	cps
Carbon	12-2	5051	5461	5548	5353	4.96	cps
Chlorine	35-1	32453487	35553937	36524630	34844018	6.10	cps
Chlorine	35-2	132227	133438	133721	133129	0.60	cps
Chromium	52-2	7952	7405	7529	7629	3.76	cps
Cobalt	59-2	14377	14374	14474	14408	0.39	cps
Copper	63-2	83493	83332	83570	83465	0.15	cps
Dysprosium	156-1	40789	42868	43059	42239	2.98	cps
Dysprosium	156-2	13687	13290	13714	13564	1.75	cps
Erbium	164-1	35387	36376	36644	36136	1.83	cps
Erbium	164-2	11732	11992	11915	11880	1.13	cps
Gadolinium	160-1	39187	40144	39929	39753	1.26	cps
Gadolinium	160-2	15649	16090	15783	15841	1.43	cps
Holmium	165-1	4096463	4119788	4208882	4141711	1.43	cps
Holmium	165-2	1332021	1330577	1334536	1332378	0.15	cps
Indium	115-1	3093225	3150821	3126775	3123607	0.93	cps
Indium	115-2	272663	272732	272257	272551	0.09	cps
Iron	54-2	219994	221064	218690	219916	0.54	cps
Iron	56-2	4244618	4278697	4287889	4270401	0.53	cps
Iron	57-2	103240	102612	103247	103033	0.35	cps
Krypton	83-1	100	97	87	94	7.35	cps
Lead	206-1	752404	764022	767170	761199	1.02	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	636255	650732	652160	646383	1.36	cps
Lead	208-1	2969986	3013891	3025273	3003050	0.97	cps
Lithium	6-1	1000473	1021922	1031928	1018107	1.58	cps
Magnesium	24-2	212898	213219	212072	212729	0.28	cps
Manganese	55-2	384973	387946	388070	386996	0.45	cps
Molybdenum	94-1	8042	8146	8549	8246	3.25	cps
Molybdenum	95-1	2347	2784	2667	2599	8.70	cps
Molybdenum	96-1	4057	4101	4307	4155	3.22	cps
Molybdenum	97-1	1583	1800	1710	1698	6.41	cps
Molybdenum	98-1	4264	4251	4254	4256	0.16	cps
Neodymium	150-1	65321	65220	66956	65832	1.48	cps
Neodymium	150-2	15813	15676	15940	15809	0.83	cps
Nickel	60-2	16022	15776	16156	15985	1.21	cps
Phosphorus	31-2	1387	1427	1500	1438	4.00	cps
Potassium	39-2	60543	61745	61721	61336	1.12	cps
Rhodium	103-1	2763322	2830319	2776878	2790173	1.27	cps
Rhodium	103-2	972326	970243	974385	972318	0.21	cps
Scandium	45-1	1823358	1851220	1850743	1841774	0.87	cps
Scandium	45-2	29370	29424	29143	29312	0.51	cps
Selenium	82-1	10	20	60	30	88.19	cps
Selenium	77-2	50	43	57	50	13.34	cps
Selenium	78-2	13	13	27	18	43.33	cps
Silicon	28-1	5312055	5576872	5568942	5485956	2.75	cps
Silver	107-1	7792	8049	7799	7880	1.86	cps
Silver	109-1	7742	7922	7962	7876	1.49	cps
Sodium	23-2	40309	41008	40991	40769	0.98	cps
Strontium	86-1	395837	407184	410627	404549	1.91	cps
Strontium	88-1	3663671	3715903	3755920	3711831	1.25	cps
Sulfur	34-1	92345	92794	93519	92886	0.64	cps
Terbium	159-1	4221129	4267748	4201238	4230039	0.81	cps
Terbium	159-2	1273873	1278946	1267009	1273276	0.47	cps
Thallium	203-1	1080	1137	1090	1102	2.74	cps
Thallium	205-1	2637	2724	2644	2668	1.81	cps
Tin	118-1	8263	8193	8386	8280	1.18	cps
Titanium	47-1	27166	28298	28485	27983	2.55	cps
Uranium	238-1	33531	34701	34116	34116	1.71	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-19 Instrumnet Name : P8
Client Sample ID : MH2GY7 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:29:54 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23459	23716	23623	23599	0.55	cps
Ytterbium	172-1	10041	10281	10371	10231	1.67	cps
Ytterbium	172-2	3927	4167	3991	4028	3.09	cps
Ytterbium	176-1	6805	6435	6959	6733	4.00	cps
Ytterbium	176-2	2624	2594	2577	2598	0.91	cps
Yttrium	89-1	5653168	5725765	5848164	5742366	1.72	cps
Yttrium	89-2	355235	356716	357402	356451	0.31	cps
Zinc	66-2	57315	57429	57432	57392	0.12	cps
Zirconium	90-1	18015	18836	18586	18479	2.28	cps
Zirconium	91-1	4104	4364	4137	4202	3.37	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92324	93665	93967	93319	0.94	cps
Antimony	121-1	11959	12246	12656	12287	2.85	cps
Arsenic	75-2	2197	2320	2064	2194	5.85	cps
Barium	135-1	503648	512510	515962	510707	1.24	cps
Barium	137-1	869630	887466	889757	882284	1.25	cps
Beryllium	9-1	1911	2005	1996	1971	2.63	cps
Bismuth	209-1	2568279	2593843	2682597	2614906	2.29	cps
Bismuth	209-2	951658	936733	939501	942631	0.84	cps
Bromine	81-1	3914	4017	4287	4073	4.73	cps
Cadmium	108-1	883	997	1013	964	7.33	cps
Cadmium	106-1	2554	2764	2620	2646	4.06	cps
Cadmium	111-1	14556	14740	14698	14665	0.66	cps
Calcium	43-1	1768148	1776927	1839421	1794832	2.17	cps
Calcium	44-1	28398629	29126385	29138375	28887797	1.47	cps
Carbon	12-1	736723	776652	774426	762600	2.94	cps
Carbon	12-2	5528	5614	5571	5571	0.78	cps
Chlorine	35-1	31125466	33303876	34192589	32873977	4.80	cps
Chlorine	35-2	124224	125350	125286	124953	0.51	cps
Chromium	52-2	28472	28478	28889	28613	0.84	cps
Cobalt	59-2	18045	17888	18185	18039	0.82	cps
Copper	63-2	213354	214907	215123	214461	0.45	cps
Dysprosium	156-1	36313	36834	37432	36860	1.52	cps
Dysprosium	156-2	11121	11295	11251	11223	0.80	cps
Erbium	164-1	30385	30662	30565	30537	0.46	cps
Erbium	164-2	9837	9960	9927	9908	0.64	cps
Gadolinium	160-1	33278	33679	33295	33417	0.68	cps
Gadolinium	160-2	13170	13283	13807	13420	2.53	cps
Holmium	165-1	4101753	4057252	4346940	4168648	3.74	cps
Holmium	165-2	1320242	1314230	1311277	1315250	0.35	cps
Indium	115-1	3032913	3128993	3215706	3125871	2.93	cps
Indium	115-2	269843	271244	272858	271315	0.56	cps
Iron	54-2	699925	699614	701898	700479	0.18	cps
Iron	56-2	13736882	13595340	13624640	13652287	0.55	cps
Iron	57-2	328470	329112	328070	328551	0.16	cps
Krypton	83-1	67	77	57	67	15.00	cps
Lead	206-1	4421135	4436933	4431365	4429811	0.18	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3659186	3731157	3672744	3687696	1.04	cps
Lead	208-1	16932311	17125468	16987151	17014977	0.59	cps
Lithium	6-1	987968	1014943	1054301	1019071	3.27	cps
Magnesium	24-2	299533	298679	302880	300364	0.74	cps
Manganese	55-2	876349	885264	879724	880446	0.51	cps
Molybdenum	94-1	11492	11335	11171	11332	1.41	cps
Molybdenum	95-1	6495	6562	6465	6507	0.76	cps
Molybdenum	96-1	8416	8950	8529	8632	3.26	cps
Molybdenum	97-1	3944	4197	3907	4016	3.93	cps
Molybdenum	98-1	10107	10741	10127	10325	3.49	cps
Neodymium	150-1	52890	54674	54229	53931	1.72	cps
Neodymium	150-2	12836	12996	12936	12923	0.63	cps
Nickel	60-2	21226	21520	21690	21479	1.09	cps
Phosphorus	31-2	1910	1843	1853	1869	1.92	cps
Potassium	39-2	93299	94278	94708	94095	0.77	cps
Rhodium	103-1	2726149	2736367	2867492	2776669	2.84	cps
Rhodium	103-2	964704	963592	966481	964926	0.15	cps
Scandium	45-1	1795518	1825453	1896528	1839167	2.82	cps
Scandium	45-2	29510	28635	29196	29114	1.52	cps
Selenium	82-1	77	77	50	68	22.72	cps
Selenium	77-2	37	13	67	39	68.76	cps
Selenium	78-2	33	10	40	28	56.71	cps
Silicon	28-1	10304680	10560655	10551225	10472187	1.39	cps
Silver	107-1	15919	16567	16767	16418	2.70	cps
Silver	109-1	15726	16059	15893	15893	1.05	cps
Sodium	23-2	82699	83477	83450	83209	0.53	cps
Strontium	86-1	622835	635249	637624	631903	1.26	cps
Strontium	88-1	5590742	5747306	5760673	5699574	1.66	cps
Sulfur	34-1	104084	105970	107582	105879	1.65	cps
Terbium	159-1	4123740	4210794	4290686	4208406	1.98	cps
Terbium	159-2	1257287	1257416	1261060	1258588	0.17	cps
Thallium	203-1	1570	1363	1397	1443	7.69	cps
Thallium	205-1	3410	3320	3457	3396	2.05	cps
Tin	118-1	49011	50734	50770	50172	2.00	cps
Titanium	47-1	75509	77263	77571	76781	1.45	cps
Uranium	238-1	44542	46030	45625	45399	1.70	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-20 Instrumnet Name : P8
Client Sample ID : MH2GY8 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:33:17 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30021	30359	30359	30246	0.64	cps
Ytterbium	172-1	8580	8823	9257	8886	3.86	cps
Ytterbium	172-2	3557	3440	3624	3541	2.62	cps
Ytterbium	176-1	6071	6091	5718	5960	3.52	cps
Ytterbium	176-2	2380	2344	2397	2374	1.15	cps
Yttrium	89-1	5600242	5594815	5830105	5675054	2.37	cps
Yttrium	89-2	349460	346044	346083	347196	0.56	cps
Zinc	66-2	263849	263503	267493	264948	0.83	cps
Zirconium	90-1	21013	21604	22641	21752	3.79	cps
Zirconium	91-1	4617	4848	4704	4723	2.46	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86297	86790	85985	86357	0.47	cps
Antimony	121-1	14161	13984	14331	14159	1.23	cps
Arsenic	75-2	3437	3337	3410	3395	1.53	cps
Barium	135-1	486135	491432	500908	492825	1.52	cps
Barium	137-1	843606	862521	869942	858690	1.58	cps
Beryllium	9-1	1947	1972	1947	1956	0.74	cps
Bismuth	209-1	2627030	2633917	2665843	2642264	0.78	cps
Bismuth	209-2	952235	961477	956091	956601	0.49	cps
Bromine	81-1	3611	4174	4214	3999	8.44	cps
Cadmium	108-1	1383	1450	1420	1418	2.36	cps
Cadmium	106-1	3177	3280	3434	3297	3.92	cps
Cadmium	111-1	21601	21813	21865	21760	0.64	cps
Calcium	43-1	1403129	1410480	1458028	1423879	2.09	cps
Calcium	44-1	22597292	23043080	23154217	22931530	1.29	cps
Carbon	12-1	746545	756910	786363	763273	2.71	cps
Carbon	12-2	5308	5638	5318	5421	3.46	cps
Chlorine	35-1	27028877	29034581	29825237	28629565	5.04	cps
Chlorine	35-2	108328	109258	111223	109603	1.35	cps
Chromium	52-2	11508	11622	11722	11617	0.92	cps
Cobalt	59-2	21670	21453	21964	21695	1.18	cps
Copper	63-2	401145	400056	403293	401498	0.41	cps
Dysprosium	156-1	36941	37840	38255	37678	1.78	cps
Dysprosium	156-2	11882	12129	12086	12032	1.10	cps
Erbium	164-1	31725	31731	32102	31853	0.68	cps
Erbium	164-2	10548	10731	10714	10664	0.95	cps
Gadolinium	160-1	34043	34839	35079	34654	1.56	cps
Gadolinium	160-2	13924	13971	13650	13848	1.25	cps
Holmium	165-1	4124968	4210554	4146529	4160684	1.07	cps
Holmium	165-2	1305097	1311827	1318608	1311844	0.51	cps
Indium	115-1	3085461	3077668	3117163	3093430	0.68	cps
Indium	115-2	269314	270373	271136	270274	0.34	cps
Iron	54-2	738691	733781	733714	735396	0.39	cps
Iron	56-2	14273544	14280777	14186187	14246836	0.37	cps
Iron	57-2	345140	344619	341918	343892	0.50	cps
Krypton	83-1	100	113	60	91	30.47	cps
Lead	206-1	5339637	5417167	5469811	5408871	1.21	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4497144	4574950	4592632	4554909	1.12	cps
Lead	208-1	20840482	21201929	21326929	21123113	1.20	cps
Lithium	6-1	1000809	1020820	1019079	1013569	1.09	cps
Magnesium	24-2	225622	224982	225875	225493	0.20	cps
Manganese	55-2	1478539	1490225	1505699	1491488	0.91	cps
Molybdenum	94-1	8739	9080	8636	8818	2.63	cps
Molybdenum	95-1	4981	4761	5081	4941	3.31	cps
Molybdenum	96-1	6405	6812	6502	6573	3.23	cps
Molybdenum	97-1	2890	3057	3020	2989	2.93	cps
Molybdenum	98-1	8039	7659	7956	7885	2.53	cps
Neodymium	150-1	53252	53730	55166	54049	1.84	cps
Neodymium	150-2	12529	12973	12946	12816	1.94	cps
Nickel	60-2	28893	28863	28692	28816	0.37	cps
Phosphorus	31-2	1880	1823	1987	1897	4.37	cps
Potassium	39-2	90441	90612	91286	90780	0.49	cps
Rhodium	103-1	2736280	2795821	2745995	2759366	1.16	cps
Rhodium	103-2	956813	966509	960899	961407	0.51	cps
Scandium	45-1	1823151	1864371	1837228	1841583	1.14	cps
Scandium	45-2	28475	29079	28689	28748	1.07	cps
Selenium	82-1	33	27	73	44	56.80	cps
Selenium	77-2	50	47	40	46	11.18	cps
Selenium	78-2	17	23	33	24	34.31	cps
Silicon	28-1	4697217	4849596	4957238	4834684	2.70	cps
Silver	107-1	37614	38002	39670	38429	2.84	cps
Silver	109-1	36538	37321	36752	36870	1.10	cps
Sodium	23-2	69193	69829	69183	69402	0.53	cps
Strontium	86-1	524628	533373	544447	534150	1.86	cps
Strontium	88-1	4770612	4891831	4946967	4869803	1.85	cps
Sulfur	34-1	98549	99445	100472	99488	0.97	cps
Terbium	159-1	4215817	4220404	4300114	4245445	1.12	cps
Terbium	159-2	1256695	1256513	1261337	1258182	0.22	cps
Thallium	203-1	3007	3020	3214	3080	3.76	cps
Thallium	205-1	7449	7532	7502	7494	0.56	cps
Tin	118-1	55371	57199	56831	56467	1.71	cps
Titanium	47-1	65823	66078	66804	66235	0.77	cps
Uranium	238-1	38174	38843	39137	38718	1.27	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-21 Instrumnet Name : P8
Client Sample ID : MH2GY9 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:36:36 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24932	24975	25112	25006	0.38	cps
Ytterbium	172-1	9357	9393	9317	9356	0.41	cps
Ytterbium	172-2	3814	3881	4041	3912	2.98	cps
Ytterbium	176-1	6118	6035	6305	6153	2.25	cps
Ytterbium	176-2	2387	2400	2470	2419	1.85	cps
Yttrium	89-1	5641738	5654007	5707855	5667867	0.62	cps
Yttrium	89-2	346235	345259	345604	345699	0.14	cps
Zinc	66-2	358991	355669	359184	357948	0.55	cps
Zirconium	90-1	16176	16336	16380	16297	0.66	cps
Zirconium	91-1	3544	3701	3634	3626	2.17	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64974	64241	65567	64927	1.02	cps
Antimony	121-1	7045	7562	7289	7299	3.54	cps
Arsenic	75-2	1617	1773	1820	1737	6.13	cps
Barium	135-1	420421	431140	432867	428143	1.57	cps
Barium	137-1	739631	753507	758997	750712	1.33	cps
Beryllium	9-1	1281	1317	1276	1292	1.74	cps
Bismuth	209-1	2640008	2606606	2624489	2623701	0.64	cps
Bismuth	209-2	953628	957680	952423	954577	0.29	cps
Bromine	81-1	4527	4324	4527	4460	2.63	cps
Cadmium	108-1	623	563	643	610	6.83	cps
Cadmium	106-1	2057	2094	2020	2057	1.78	cps
Cadmium	111-1	9610	9641	9620	9623	0.16	cps
Calcium	43-1	1364894	1388813	1401438	1385048	1.34	cps
Calcium	44-1	21920990	22487466	22682423	22363626	1.77	cps
Carbon	12-1	821991	765785	772447	786741	3.90	cps
Carbon	12-2	5451	5421	5541	5471	1.14	cps
Chlorine	35-1	29780695	31380247	32305296	31155413	4.10	cps
Chlorine	35-2	117361	119031	119491	118628	0.94	cps
Chromium	52-2	5204	5028	4941	5058	2.65	cps
Cobalt	59-2	13823	14244	13957	14008	1.53	cps
Copper	63-2	174541	176343	176603	175829	0.64	cps
Dysprosium	156-1	34875	35487	35848	35403	1.39	cps
Dysprosium	156-2	10664	11021	11345	11010	3.09	cps
Erbium	164-1	29409	29483	30121	29671	1.32	cps
Erbium	164-2	9537	9800	9717	9685	1.39	cps
Gadolinium	160-1	32449	33278	32353	32693	1.56	cps
Gadolinium	160-2	13063	13360	13070	13164	1.29	cps
Holmium	165-1	4199130	4160653	4168808	4176197	0.49	cps
Holmium	165-2	1312445	1331609	1327281	1323778	0.76	cps
Indium	115-1	3086523	3081810	3110154	3092829	0.49	cps
Indium	115-2	270350	273716	273821	272629	0.72	cps
Iron	54-2	316678	318132	320262	318358	0.57	cps
Iron	56-2	6227782	6194420	6213140	6211781	0.27	cps
Iron	57-2	149679	148601	148669	148983	0.41	cps
Krypton	83-1	73	57	87	72	20.81	cps
Lead	206-1	2016094	2029655	2058224	2034658	1.06	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1652839	1684818	1698793	1678817	1.40	cps
Lead	208-1	7793946	7934485	8010511	7912981	1.39	cps
Lithium	6-1	1027591	991922	1040484	1019999	2.47	cps
Magnesium	24-2	160947	162002	163309	162086	0.73	cps
Manganese	55-2	589324	594313	595374	593004	0.54	cps
Molybdenum	94-1	6465	6702	6748	6638	2.29	cps
Molybdenum	95-1	3237	2980	3077	3098	4.18	cps
Molybdenum	96-1	4104	4194	4294	4197	2.27	cps
Molybdenum	97-1	1887	2110	1990	1996	5.60	cps
Molybdenum	98-1	4818	5174	5284	5092	4.79	cps
Neodymium	150-1	51615	52482	52459	52185	0.95	cps
Neodymium	150-2	12182	12256	12212	12217	0.30	cps
Nickel	60-2	20996	21373	21830	21400	1.95	cps
Phosphorus	31-2	1693	1527	1657	1626	5.39	cps
Potassium	39-2	66723	67845	68069	67546	1.07	cps
Rhodium	103-1	2766450	2743423	2755519	2755131	0.42	cps
Rhodium	103-2	957223	970782	970974	966327	0.82	cps
Scandium	45-1	1822773	1806492	1843824	1824363	1.03	cps
Scandium	45-2	28148	28789	29003	28646	1.55	cps
Selenium	82-1	73	80	40	64	33.25	cps
Selenium	77-2	20	47	33	33	40.01	cps
Selenium	78-2	20	17	20	19	10.18	cps
Silicon	28-1	4656770	4690708	4772210	4706563	1.26	cps
Silver	107-1	16714	16807	16630	16717	0.53	cps
Silver	109-1	15856	16043	15936	15945	0.59	cps
Sodium	23-2	57821	58530	59039	58463	1.05	cps
Strontium	86-1	366012	369857	372557	369475	0.89	cps
Strontium	88-1	3329734	3393732	3380648	3368038	1.00	cps
Sulfur	34-1	92553	93999	92959	93170	0.80	cps
Terbium	159-1	4160875	4234874	4255273	4217007	1.18	cps
Terbium	159-2	1247975	1260148	1274672	1260932	1.06	cps
Thallium	203-1	1673	1620	1617	1637	1.94	cps
Thallium	205-1	3887	3774	3957	3873	2.39	cps
Tin	118-1	23053	23864	23938	23618	2.08	cps
Titanium	47-1	29437	30412	30108	29986	1.66	cps
Uranium	238-1	30293	31088	30707	30696	1.30	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-22 Instrumnet Name : P8
Client Sample ID : MH2GZ0 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:39:57 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20154	20335	20294	20261	0.47	cps
Ytterbium	172-1	8570	8646	8476	8564	0.99	cps
Ytterbium	172-2	3174	3457	3354	3328	4.31	cps
Ytterbium	176-1	5645	5785	5785	5738	1.41	cps
Ytterbium	176-2	2217	2267	2230	2238	1.16	cps
Yttrium	89-1	5615274	5649451	5674220	5646315	0.52	cps
Yttrium	89-2	340598	348811	353924	347778	1.93	cps
Zinc	66-2	129209	129794	131122	130042	0.75	cps
Zirconium	90-1	12499	12966	13126	12864	2.53	cps
Zirconium	91-1	2840	2940	2897	2893	1.73	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296594	294454	295801	295616	0.37	cps
Antimony	121-1	11678	12029	11945	11884	1.54	cps
Arsenic	75-2	4104	4451	4517	4357	5.09	cps
Barium	135-1	74382	75441	75941	75255	1.06	cps
Barium	137-1	127006	132198	132281	130495	2.32	cps
Beryllium	9-1	475	516	522	505	5.12	cps
Bismuth	209-1	2630993	2632503	2653449	2638981	0.48	cps
Bismuth	209-2	947747	949558	950981	949429	0.17	cps
Bromine	81-1	2254	2314	2320	2296	1.60	cps
Cadmium	108-1	77	100	103	93	15.56	cps
Cadmium	106-1	1393	1300	1213	1302	6.91	cps
Cadmium	111-1	1555	1507	1444	1502	3.72	cps
Calcium	43-1	47130	49157	48321	48203	2.11	cps
Calcium	44-1	774955	791200	795338	787164	1.37	cps
Carbon	12-1	709858	733916	747806	730527	2.63	cps
Carbon	12-2	4574	4411	4571	4519	2.07	cps
Chlorine	35-1	31405020	33530742	34018975	32984912	4.21	cps
Chlorine	35-2	122503	121985	122325	122271	0.22	cps
Chromium	52-2	28652	29123	29718	29164	1.83	cps
Cobalt	59-2	42155	42172	43760	42696	2.16	cps
Copper	63-2	111060	110015	112158	111077	0.96	cps
Dysprosium	156-1	16624	16721	16704	16683	0.31	cps
Dysprosium	156-2	6121	6282	6108	6170	1.56	cps
Erbium	164-1	17819	17498	17885	17734	1.17	cps
Erbium	164-2	5928	5568	5695	5730	3.19	cps
Gadolinium	160-1	17715	18326	18233	18091	1.82	cps
Gadolinium	160-2	7035	7252	7249	7179	1.73	cps
Holmium	165-1	4142526	4170313	4270996	4194612	1.61	cps
Holmium	165-2	1319763	1334770	1335384	1329972	0.67	cps
Indium	115-1	3124207	3163737	3159479	3149141	0.69	cps
Indium	115-2	270147	269964	269507	269872	0.12	cps
Iron	54-2	2167230	2110179	2147009	2141473	1.35	cps
Iron	56-2	39104642	39106889	39152359	39121297	0.07	cps
Iron	57-2	946217	943752	947790	945920	0.22	cps
Krypton	83-1	60	70	93	74	22.98	cps
Lead	206-1	84463	87200	87231	86298	1.84	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	69136	70537	71543	70405	1.72	cps
Lead	208-1	326372	333645	334780	331599	1.38	cps
Lithium	6-1	1013196	1058575	1063999	1045256	2.67	cps
Magnesium	24-2	559135	556251	560352	558579	0.38	cps
Manganese	55-2	204793	204486	205909	205063	0.37	cps
Molybdenum	94-1	13300	13447	13570	13439	1.01	cps
Molybdenum	95-1	9043	9000	9337	9126	2.01	cps
Molybdenum	96-1	11895	11498	11735	11709	1.71	cps
Molybdenum	97-1	5491	5701	5524	5572	2.03	cps
Molybdenum	98-1	14117	14264	14374	14252	0.90	cps
Neodymium	150-1	14725	15075	15356	15052	2.10	cps
Neodymium	150-2	3444	3604	3397	3482	3.11	cps
Nickel	60-2	40792	40621	40972	40795	0.43	cps
Phosphorus	31-2	857	763	860	827	6.64	cps
Potassium	39-2	31174	31745	31862	31593	1.17	cps
Rhodium	103-1	2854058	2857812	2818223	2843364	0.77	cps
Rhodium	103-2	985986	992048	990946	989660	0.33	cps
Scandium	45-1	1791840	1842519	1855838	1830065	1.85	cps
Scandium	45-2	29901	29430	29617	29650	0.80	cps
Selenium	82-1	227	183	150	187	20.59	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	27	7	17	17	59.99	cps
Silicon	28-1	4030232	4143989	4185470	4119897	1.95	cps
Silver	107-1	2167	2000	1970	2046	5.18	cps
Silver	109-1	1927	1970	1803	1900	4.55	cps
Sodium	23-2	32493	32456	32463	32471	0.06	cps
Strontium	86-1	55493	57293	57189	56659	1.78	cps
Strontium	88-1	478983	492788	497567	489779	1.97	cps
Sulfur	34-1	85674	86805	89172	87217	2.05	cps
Terbium	159-1	4250123	4282816	4307041	4279994	0.67	cps
Terbium	159-2	1259513	1271657	1288904	1273358	1.16	cps
Thallium	203-1	833	760	800	798	4.60	cps
Thallium	205-1	1823	1920	2037	1927	5.54	cps
Tin	118-1	1773	1440	1600	1605	10.39	cps
Titanium	47-1	11023	9900	9500	10141	7.79	cps
Uranium	238-1	15633	15193	16087	15638	2.86	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-04 Instrumnet Name : P8
Client Sample ID : YE8D1 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:43:17 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24241	24601	24835	24559	1.22	cps
Ytterbium	172-1	4554	4484	4591	4543	1.19	cps
Ytterbium	172-2	1823	1683	1770	1759	4.02	cps
Ytterbium	176-1	3120	3270	3107	3166	2.87	cps
Ytterbium	176-2	1220	1177	1220	1206	2.08	cps
Yttrium	89-1	5365905	5528023	5479981	5457970	1.53	cps
Yttrium	89-2	331479	335319	335105	333968	0.65	cps
Zinc	66-2	20578	19991	19537	20035	2.61	cps
Zirconium	90-1	22258	22528	23173	22653	2.07	cps
Zirconium	91-1	5018	5284	4898	5067	3.91	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41349	41716	42070	41712	0.87	cps
Antimony	121-1	53571	54889	55412	54624	1.74	cps
Arsenic	75-2	21326	21383	21343	21351	0.14	cps
Barium	135-1	51106	53201	53488	52598	2.47	cps
Barium	137-1	90363	93302	92517	92060	1.65	cps
Beryllium	9-1	537	519	542	533	2.35	cps
Bismuth	209-1	2648924	2586768	2985449	2740380	7.83	cps
Bismuth	209-2	964875	962797	968964	965545	0.32	cps
Bromine	81-1	2277	2184	2204	2221	2.21	cps
Cadmium	108-1	117	103	107	109	6.37	cps
Cadmium	106-1	1617	1370	1617	1535	9.28	cps
Cadmium	111-1	1330	1217	1420	1322	7.72	cps
Calcium	43-1	624182	645543	647849	639191	2.04	cps
Calcium	44-1	10522500	10923379	10876624	10774168	2.03	cps
Carbon	12-1	706164	735482	750719	730788	3.10	cps
Carbon	12-2	4858	4724	4884	4822	1.78	cps
Chlorine	35-1	30641025	33050370	33846386	32512594	5.13	cps
Chlorine	35-2	123683	123565	125044	124097	0.66	cps
Chromium	52-2	3107	2994	3104	3068	2.10	cps
Cobalt	59-2	45643	45730	45285	45553	0.52	cps
Copper	63-2	106468	105790	106834	106364	0.50	cps
Dysprosium	156-1	14878	15399	15235	15171	1.75	cps
Dysprosium	156-2	5371	5611	5711	5565	3.14	cps
Erbium	164-1	21548	22035	22265	21949	1.67	cps
Erbium	164-2	7466	7385	7385	7412	0.62	cps
Gadolinium	160-1	16447	17144	16721	16771	2.10	cps
Gadolinium	160-2	6788	6845	6805	6813	0.43	cps
Holmium	165-1	4190406	4088089	4766624	4348373	8.41	cps
Holmium	165-2	1348909	1346900	1350130	1348646	0.12	cps
Indium	115-1	3112979	3071765	3623994	3269579	9.41	cps
Indium	115-2	276314	276438	277610	276787	0.26	cps
Iron	54-2	1924078	1918378	1935016	1925824	0.44	cps
Iron	56-2	35491388	34949361	35195257	35212002	0.77	cps
Iron	57-2	854526	850722	848826	851358	0.34	cps
Krypton	83-1	120	77	90	96	23.22	cps
Lead	206-1	157905	161040	162126	160357	1.37	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	129910	131598	131237	130915	0.68	cps
Lead	208-1	611795	621876	627180	620284	1.26	cps
Lithium	6-1	1006382	996173	1143637	1048731	7.85	cps
Magnesium	24-2	680303	676607	683331	680080	0.50	cps
Manganese	55-2	275415	273452	273857	274241	0.38	cps
Molybdenum	94-1	24842	25543	25714	25366	1.82	cps
Molybdenum	95-1	7979	7629	7646	7751	2.55	cps
Molybdenum	96-1	11915	12602	12866	12461	3.94	cps
Molybdenum	97-1	4894	4684	4774	4784	2.20	cps
Molybdenum	98-1	12092	12319	12516	12309	1.72	cps
Neodymium	150-1	11632	12362	11919	11971	3.08	cps
Neodymium	150-2	2900	3004	2930	2945	1.81	cps
Nickel	60-2	51794	52182	52115	52030	0.40	cps
Phosphorus	31-2	737	733	757	742	1.70	cps
Potassium	39-2	43141	42823	42937	42967	0.37	cps
Rhodium	103-1	2816328	2707935	3224667	2916310	9.34	cps
Rhodium	103-2	999358	1004176	1010674	1004736	0.57	cps
Scandium	45-1	1841312	1802464	2137184	1926987	9.50	cps
Scandium	45-2	29180	29838	30322	29780	1.93	cps
Selenium	82-1	233	283	227	248	12.50	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	10	20	17	16	32.73	cps
Silicon	28-1	2880468	2899308	2919871	2899882	0.68	cps
Silver	107-1	9483	9643	9420	9516	1.21	cps
Silver	109-1	9126	9543	9320	9330	2.24	cps
Sodium	23-2	35022	35436	35904	35454	1.24	cps
Strontium	86-1	836940	859675	866410	854342	1.81	cps
Strontium	88-1	7543363	7795430	7865852	7734881	2.19	cps
Sulfur	34-1	565229	583191	585048	577823	1.89	cps
Terbium	159-1	4247095	4142870	4876854	4422273	8.98	cps
Terbium	159-2	1286438	1299103	1296993	1294178	0.52	cps
Thallium	203-1	470	550	477	499	8.90	cps
Thallium	205-1	1097	1053	1137	1096	3.80	cps
Tin	118-1	1270	1320	1487	1359	8.35	cps
Titanium	47-1	3707	3694	3697	3699	0.19	cps
Uranium	238-1	11726	11942	11555	11741	1.65	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-05 Instrumnet Name : P8
Client Sample ID : YE8D3 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:46:43 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2550	2690	2737	2659	3.65	cps
Ytterbium	172-1	7259	7509	7646	7471	2.63	cps
Ytterbium	172-2	2890	3087	3057	3011	3.52	cps
Ytterbium	176-1	4944	4904	5284	5044	4.14	cps
Ytterbium	176-2	1893	2020	2064	1992	4.43	cps
Yttrium	89-1	5611344	5432384	6355900	5799876	8.44	cps
Yttrium	89-2	347256	347879	349265	348133	0.30	cps
Zinc	66-2	11164	11048	11361	11191	1.42	cps
Zirconium	90-1	54974	57474	57096	56515	2.38	cps
Zirconium	91-1	12322	12856	12529	12569	2.14	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127075	127872	128767	127905	0.66	cps
Antimony	121-1	5545	5361	5825	5577	4.19	cps
Arsenic	75-2	577	653	560	597	8.34	cps
Barium	135-1	41303	41807	42466	41859	1.39	cps
Barium	137-1	70499	73347	73961	72602	2.54	cps
Beryllium	9-1	325	362	322	337	6.66	cps
Bismuth	209-1	2655585	2744884	2705443	2701971	1.66	cps
Bismuth	209-2	967797	973902	968764	970154	0.34	cps
Bromine	81-1	2194	2174	2040	2136	3.90	cps
Cadmium	108-1	77	57	67	67	15.00	cps
Cadmium	106-1	1250	1303	1383	1312	5.11	cps
Cadmium	111-1	951	1039	1092	1027	6.90	cps
Calcium	43-1	18836	19096	19704	19212	2.32	cps
Calcium	44-1	308397	313068	319140	313535	1.72	cps
Carbon	12-1	718943	743283	756679	739635	2.59	cps
Carbon	12-2	4674	4531	4621	4609	1.57	cps
Chlorine	35-1	31091043	32835490	33957291	32627941	4.43	cps
Chlorine	35-2	121821	124469	122769	123020	1.09	cps
Chromium	52-2	3891	3944	3851	3895	1.20	cps
Cobalt	59-2	11778	11478	12089	11782	2.59	cps
Copper	63-2	56893	57556	56786	57078	0.73	cps
Dysprosium	156-1	12276	12032	12326	12211	1.29	cps
Dysprosium	156-2	3611	3844	3587	3681	3.86	cps
Erbium	164-1	7152	7115	7072	7113	0.56	cps
Erbium	164-2	2290	2257	2317	2288	1.31	cps
Gadolinium	160-1	10461	10901	10768	10710	2.11	cps
Gadolinium	160-2	4127	4367	4097	4197	3.53	cps
Holmium	165-1	4257626	4242455	4288058	4262713	0.54	cps
Holmium	165-2	1341786	1346111	1339860	1342586	0.24	cps
Indium	115-1	3091277	3172527	3230106	3164636	2.20	cps
Indium	115-2	275617	273315	272780	273904	0.55	cps
Iron	54-2	549415	548123	550316	549284	0.20	cps
Iron	56-2	10697044	10695547	10725722	10706104	0.16	cps
Iron	57-2	257111	256502	259843	257818	0.69	cps
Krypton	83-1	37	67	80	61	36.31	cps
Lead	206-1	63722	65839	66020	65194	1.96	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	52148	53332	53011	52831	1.16	cps
Lead	208-1	245263	251722	252090	249692	1.54	cps
Lithium	6-1	1035758	1054146	1047467	1045790	0.89	cps
Magnesium	24-2	331774	338324	335503	335200	0.98	cps
Manganese	55-2	24074	23620	23857	23850	0.95	cps
Molybdenum	94-1	15188	15165	15365	15240	0.72	cps
Molybdenum	95-1	7175	7245	7285	7235	0.77	cps
Molybdenum	96-1	9567	9593	9997	9719	2.48	cps
Molybdenum	97-1	4307	4451	4731	4496	4.79	cps
Molybdenum	98-1	11358	11969	11618	11648	2.63	cps
Neodymium	150-1	18396	18269	18726	18464	1.28	cps
Neodymium	150-2	4377	4247	4437	4354	2.23	cps
Nickel	60-2	8783	8376	8696	8618	2.49	cps
Phosphorus	31-2	267	323	277	289	10.47	cps
Potassium	39-2	28942	28294	28886	28707	1.25	cps
Rhodium	103-1	2880092	2962903	2962730	2935242	1.63	cps
Rhodium	103-2	1011407	1009377	1008480	1009755	0.15	cps
Scandium	45-1	1825510	1869811	1887907	1861076	1.72	cps
Scandium	45-2	29918	29103	29013	29344	1.70	cps
Selenium	82-1	73	87	73	78	9.90	cps
Selenium	77-2	10	17	7	11	45.82	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	3393990	3397853	3411937	3401260	0.28	cps
Silver	107-1	717	560	653	643	12.25	cps
Silver	109-1	620	707	597	641	9.04	cps
Sodium	23-2	32409	33535	33264	33070	1.78	cps
Strontium	86-1	16370	17034	17161	16855	2.52	cps
Strontium	88-1	142945	146101	147017	145355	1.47	cps
Sulfur	34-1	110689	112445	113531	112221	1.28	cps
Terbium	159-1	4300006	4341130	4339861	4326999	0.54	cps
Terbium	159-2	1285997	1276222	1278349	1280189	0.40	cps
Thallium	203-1	367	327	327	340	6.79	cps
Thallium	205-1	840	797	813	817	2.68	cps
Tin	118-1	1443	1550	1447	1480	4.10	cps
Titanium	47-1	5348	5308	5148	5268	2.01	cps
Uranium	238-1	7752	7896	8066	7905	1.99	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1159-06 Instrumnet Name : P8
Client Sample ID : YE8E2 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:50:04 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2107	1927	2017	2017	4.46	cps
Ytterbium	172-1	1393	1483	1523	1467	4.54	cps
Ytterbium	172-2	600	537	617	584	7.22	cps
Ytterbium	176-1	1507	1513	1603	1541	3.50	cps
Ytterbium	176-2	453	463	487	468	3.66	cps
Yttrium	89-1	5368915	5471166	5463863	5434648	1.05	cps
Yttrium	89-2	327561	330697	331513	329924	0.63	cps
Zinc	66-2	11578	11391	11772	11580	1.64	cps
Zirconium	90-1	29909	30012	30794	30238	1.60	cps
Zirconium	91-1	6492	6875	6858	6742	3.22	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169201	170825	170965	170330	0.58	cps
Antimony	121-1	3344	3727	3644	3572	5.65	cps
Arsenic	75-2	733	817	753	768	5.67	cps
Barium	135-1	398259	405630	403740	402543	0.95	cps
Barium	137-1	699317	699773	705162	701417	0.46	cps
Beryllium	9-1	3795	3834	3990	3873	2.67	cps
Bismuth	209-1	2632210	2666703	2662973	2653962	0.71	cps
Bismuth	209-2	962751	959691	962037	961493	0.17	cps
Bromine	81-1	3084	3217	3460	3254	5.87	cps
Cadmium	108-1	517	560	510	529	5.13	cps
Cadmium	106-1	2054	1900	1903	1952	4.49	cps
Cadmium	111-1	7090	6813	6683	6862	3.03	cps
Calcium	43-1	1382867	1409605	1427535	1406669	1.60	cps
Calcium	44-1	22443036	22756529	22914266	22704610	1.06	cps
Carbon	12-1	848235	900465	898715	882472	3.36	cps
Carbon	12-2	6285	6095	6215	6198	1.55	cps
Chlorine	35-1	16134553	17354109	17528896	17005853	4.47	cps
Chlorine	35-2	63629	62728	64044	63467	1.06	cps
Chromium	52-2	29908	29828	30222	29986	0.69	cps
Cobalt	59-2	9070	8930	9420	9140	2.76	cps
Copper	63-2	145382	147553	146890	146608	0.76	cps
Dysprosium	156-1	19848	20192	20472	20171	1.55	cps
Dysprosium	156-2	6362	6365	6185	6304	1.63	cps
Erbium	164-1	17779	18583	18319	18227	2.25	cps
Erbium	164-2	5965	5861	5795	5874	1.46	cps
Gadolinium	160-1	18873	19147	19030	19017	0.72	cps
Gadolinium	160-2	7439	7566	7522	7509	0.86	cps
Holmium	165-1	4151525	4156778	4085334	4131212	0.96	cps
Holmium	165-2	1349601	1341770	1335767	1342380	0.52	cps
Indium	115-1	3092943	3176305	3132927	3134058	1.33	cps
Indium	115-2	272288	274274	274114	273559	0.40	cps
Iron	54-2	392921	394722	394435	394026	0.25	cps
Iron	56-2	7641146	7609091	7680897	7643712	0.47	cps
Iron	57-2	184567	183625	185003	184398	0.38	cps
Krypton	83-1	70	87	83	80	11.02	cps
Lead	206-1	2044564	2038893	2024605	2036020	0.51	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1580163	1722998	1670010	1657724	4.36	cps
Lead	208-1	7780087	7973885	7920723	7891565	1.27	cps
Lithium	6-1	1006737	1010113	1013509	1010120	0.34	cps
Magnesium	24-2	392085	393268	391322	392225	0.25	cps
Manganese	55-2	1149381	1163015	1160580	1157659	0.63	cps
Molybdenum	94-1	11488	11975	12085	11850	2.68	cps
Molybdenum	95-1	2624	2454	2540	2539	3.35	cps
Molybdenum	96-1	4411	4364	4527	4434	1.90	cps
Molybdenum	97-1	1553	1460	1553	1522	3.54	cps
Molybdenum	98-1	3807	3961	3851	3873	2.04	cps
Neodymium	150-1	27441	26994	27131	27189	0.84	cps
Neodymium	150-2	6558	6375	6508	6481	1.46	cps
Nickel	60-2	10220	10474	10157	10284	1.63	cps
Phosphorus	31-2	747	697	713	719	3.54	cps
Potassium	39-2	119079	118941	119771	119264	0.37	cps
Rhodium	103-1	2745822	2787027	2777955	2770268	0.78	cps
Rhodium	103-2	970178	977800	981890	976623	0.61	cps
Scandium	45-1	1865781	1864581	1861143	1863835	0.13	cps
Scandium	45-2	29958	29534	29360	29617	1.04	cps
Selenium	82-1	90	67	37	64	41.48	cps
Selenium	77-2	37	10	20	22	60.63	cps
Selenium	78-2	20	13	23	19	26.96	cps
Silicon	28-1	20823997	21252801	21168391	21081730	1.08	cps
Silver	107-1	12256	12719	12576	12517	1.90	cps
Silver	109-1	11648	11441	11942	11677	2.15	cps
Sodium	23-2	88566	89210	87618	88465	0.91	cps
Strontium	86-1	605824	615635	618295	613251	1.07	cps
Strontium	88-1	5512461	5521956	5621397	5551938	1.09	cps
Sulfur	34-1	107260	108271	110228	108586	1.39	cps
Terbium	159-1	4191465	4271302	4228292	4230353	0.94	cps
Terbium	159-2	1276539	1281301	1280603	1279481	0.20	cps
Thallium	203-1	937	893	1017	949	6.59	cps
Thallium	205-1	2334	2227	2357	2306	3.01	cps
Tin	118-1	23988	24539	24065	24197	1.23	cps
Titanium	47-1	143149	147683	147876	146236	1.83	cps
Uranium	238-1	52461	51437	51812	51904	1.00	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1177-05DLX2 Instrumnet Name : P8
Client Sample ID : MH2GX3 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 18:53:31 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15422	15135	15298	15285	0.94	cps
Ytterbium	172-1	6315	6378	6155	6283	1.83	cps
Ytterbium	172-2	2404	2554	2390	2449	3.70	cps
Ytterbium	176-1	4304	4277	4284	4289	0.32	cps
Ytterbium	176-2	1723	1640	1523	1629	6.17	cps
Yttrium	89-1	5551526	5504948	5558993	5538489	0.53	cps
Yttrium	89-2	341554	341292	341440	341428	0.04	cps
Zinc	66-2	182924	185087	183616	183876	0.60	cps
Zirconium	90-1	27835	27597	28135	27856	0.97	cps
Zirconium	91-1	6078	6031	6148	6086	0.96	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418170	421362	419092	419541	0.39	cps
Antimony	121-1	1674325	1612312	1638662	1641767	1.90	cps
Arsenic	75-2	25102	24929	24645	24892	0.93	cps
Barium	135-1	2044516	2007500	2026560	2026192	0.91	cps
Barium	137-1	3452902	3456632	3428975	3446170	0.44	cps
Beryllium	9-1	352377	354462	349166	352002	0.76	cps
Bismuth	209-1	2274031	2319750	2315351	2303044	1.10	cps
Bismuth	209-2	832413	826945	826536	828631	0.40	cps
Bromine	81-1	2014	1880	1953	1949	3.43	cps
Cadmium	108-1	27170	27371	27491	27344	0.59	cps
Cadmium	106-1	40115	40085	39897	40032	0.29	cps
Cadmium	111-1	363836	362510	359361	361903	0.64	cps
Calcium	43-1	2198030	2218201	2237184	2217805	0.88	cps
Calcium	44-1	35745713	35686685	35575323	35669240	0.24	cps
Carbon	12-1	714959	726710	731252	724307	1.16	cps
Carbon	12-2	5251	4831	4881	4988	4.60	cps
Chlorine	35-1	1520927	1383920	1286908	1397251	8.41	cps
Chlorine	35-2	3944	3784	3524	3751	5.65	cps
Chromium	52-2	235927	237415	235134	236159	0.49	cps
Cobalt	59-2	453907	453378	451091	452792	0.33	cps
Copper	63-2	3604493	3587152	3558257	3583300	0.65	cps
Dysprosium	156-1	287	250	287	274	7.71	cps
Dysprosium	156-2	10	17	33	20	60.08	cps
Erbium	164-1	90	63	130	94	35.53	cps
Erbium	164-2	23	57	40	40	41.68	cps
Gadolinium	160-1	83	90	73	82	10.20	cps
Gadolinium	160-2	20	37	40	32	33.25	cps
Holmium	165-1	3849329	3870781	3845858	3855323	0.35	cps
Holmium	165-2	1226364	1221551	1210347	1219420	0.67	cps
Indium	115-1	2758052	2778114	2795482	2777216	0.67	cps
Indium	115-2	239236	237772	237919	238309	0.34	cps
Iron	54-2	2481154	2480108	2462549	2474604	0.42	cps
Iron	56-2	45207483	45019666	45020478	45082542	0.24	cps
Iron	57-2	1087990	1089590	1082973	1086851	0.32	cps
Krypton	83-1	53	93	57	68	32.74	cps
Lead	206-1	6493542	6479397	6381407	6451448	0.95	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5534287	5602153	5560585	5565675	0.61	cps
Lead	208-1	25578507	25644069	25402083	25541553	0.49	cps
Lithium	6-1	885471	885540	875371	882127	0.66	cps
Magnesium	24-2	7385866	7447459	7389931	7407752	0.47	cps
Manganese	55-2	972655	978727	974385	975256	0.32	cps
Molybdenum	94-1	5352966	5355150	5273189	5327101	0.88	cps
Molybdenum	95-1	7814518	7709038	7706176	7743244	0.80	cps
Molybdenum	96-1	8417793	8433140	8378462	8409798	0.34	cps
Molybdenum	97-1	4857020	4732741	4813920	4801227	1.31	cps
Molybdenum	98-1	12573944	12539570	12352726	12488747	0.95	cps
Neodymium	150-1	213	167	190	190	12.28	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	126341	125265	125399	125668	0.47	cps
Phosphorus	31-2	4091	4144	3954	4063	2.41	cps
Potassium	39-2	2248647	2281456	2210204	2246769	1.59	cps
Rhodium	103-1	2481191	2467652	2443930	2464258	0.77	cps
Rhodium	103-2	837484	824706	831455	831215	0.77	cps
Scandium	45-1	1693918	1677443	1674113	1681825	0.63	cps
Scandium	45-2	26454	26010	25870	26112	1.17	cps
Selenium	82-1	21286	21734	21223	21414	1.30	cps
Selenium	77-2	297	350	307	318	8.92	cps
Selenium	78-2	940	1200	1053	1065	12.25	cps
Silicon	28-1	15315973	15273904	15279562	15289813	0.15	cps
Silver	107-1	1879216	1896141	1880167	1885175	0.50	cps
Silver	109-1	1816283	1762821	1789573	1789559	1.49	cps
Sodium	23-2	14508190	14630256	14490266	14542904	0.52	cps
Strontium	86-1	502565	502515	497564	500881	0.57	cps
Strontium	88-1	4572363	4473171	4486188	4510574	1.20	cps
Sulfur	34-1	206026	204475	202065	204189	0.98	cps
Terbium	159-1	3942560	3924464	3900620	3922548	0.54	cps
Terbium	159-2	1166927	1164413	1155319	1162220	0.53	cps
Thallium	203-1	1558825	1565325	1549394	1557848	0.51	cps
Thallium	205-1	3940851	3930948	3890912	3920904	0.67	cps
Tin	118-1	1230824	1227488	1228132	1228814	0.14	cps
Titanium	47-1	2036425	1984941	1985304	2002223	1.48	cps
Uranium	238-1	5283560	5298965	5323791	5302105	0.38	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV015 Instrumnet Name : P8
Client Sample ID : CCV015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:56:49 DataFile Name : 057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	188777	188594	189074	188815	0.13	cps
Ytterbium	172-1	63	123	80	89	34.85	cps
Ytterbium	172-2	43	40	60	48	22.43	cps
Ytterbium	176-1	7639	7966	7992	7866	2.50	cps
Ytterbium	176-2	2594	2670	2664	2643	1.61	cps
Yttrium	89-1	4813959	4799239	4826656	4813285	0.29	cps
Yttrium	89-2	292754	290629	291264	291549	0.37	cps
Zinc	66-2	373323	374651	370398	372791	0.58	cps
Zirconium	90-1	2741594	2694154	2704864	2713537	0.92	cps
Zirconium	91-1	573794	573845	572818	573486	0.10	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	30	13	18	60.28	cps
Antimony	121-1	503	423	437	454	9.43	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	350	273	173	266	33.36	cps
Barium	137-1	533	420	387	447	17.21	cps
Beryllium	9-1	235	209	212	219	6.49	cps
Bismuth	209-1	2535959	2517346	2491330	2514878	0.89	cps
Bismuth	209-2	876809	970894	948598	932101	5.27	cps
Bromine	81-1	1803	1720	1887	1803	4.62	cps
Cadmium	108-1	7	7	0	4	86.60	cps
Cadmium	106-1	1080	1090	1030	1067	3.01	cps
Cadmium	111-1	798	775	754	776	2.82	cps
Calcium	43-1	317	177	200	231	32.45	cps
Calcium	44-1	3854	2224	2470	2849	30.84	cps
Carbon	12-1	619882	615081	608392	614452	0.94	cps
Carbon	12-2	3550	3797	3457	3602	4.88	cps
Chlorine	35-1	682558	645818	608684	645686	5.72	cps
Chlorine	35-2	2134	2044	2077	2085	2.18	cps
Chromium	52-2	117	73	90	93	23.42	cps
Cobalt	59-2	33	63	90	62	45.57	cps
Copper	63-2	793	847	827	822	3.28	cps
Dysprosium	156-1	107	103	110	107	3.12	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	20	10	7	12	56.76	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	10	10	0	7	86.60	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	3859596	3864592	3855849	3860012	0.11	cps
Holmium	165-2	1174983	1293316	1267943	1245414	5.00	cps
Indium	115-1	2907196	2875877	2943579	2908884	1.16	cps
Indium	115-2	244378	270457	264954	259930	5.29	cps
Iron	54-2	267	243	317	276	13.60	cps
Iron	56-2	4701	4524	4587	4604	1.94	cps
Iron	57-2	140	103	90	111	23.30	cps
Krypton	83-1	63	53	43	53	18.75	cps
Lead	206-1	1050	667	623	780	30.11	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	873	663	707	748	14.83	cps
Lead	208-1	3977	3087	3017	3360	15.93	cps
Lithium	6-1	913996	919508	884465	905990	2.08	cps
Magnesium	24-2	637	697	730	688	6.88	cps
Manganese	55-2	263	300	270	278	7.03	cps
Molybdenum	94-1	520	347	240	369	38.31	cps
Molybdenum	95-1	537	323	380	413	26.73	cps
Molybdenum	96-1	590	457	377	474	22.72	cps
Molybdenum	97-1	337	173	197	236	37.50	cps
Molybdenum	98-1	987	633	443	688	40.09	cps
Neodymium	150-1	10	10	0	7	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	287	220	259	13.40	cps
Phosphorus	31-2	7	0	0	2	173.21	cps
Potassium	39-2	3577	3414	3570	3520	2.63	cps
Rhodium	103-1	2712436	2686385	2679712	2692844	0.64	cps
Rhodium	103-2	879561	974037	954736	936111	5.33	cps
Scandium	45-1	1689539	1709302	1646673	1681838	1.90	cps
Scandium	45-2	24187	27647	27249	26361	7.18	cps
Selenium	82-1	3	-17	-27	-13	-114.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Silicon	28-1	96071	92713	91958	93581	2.34	cps
Silver	107-1	353	277	247	292	18.82	cps
Silver	109-1	317	230	223	257	20.29	cps
Sodium	23-2	18538	18181	18101	18274	1.27	cps
Strontium	86-1	143	97	93	111	25.16	cps
Strontium	88-1	487	290	343	373	27.24	cps
Sulfur	34-1	79912	78069	77620	78533	1.55	cps
Terbium	159-1	3873294	3897265	3940656	3903739	0.87	cps
Terbium	159-2	1128053	1242819	1210462	1193778	4.96	cps
Thallium	203-1	393	293	330	339	14.93	cps
Thallium	205-1	930	693	717	780	16.72	cps
Tin	118-1	467	433	473	458	4.68	cps
Titanium	47-1	127	90	60	92	36.21	cps
Uranium	238-1	290	113	167	190	47.69	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB015 Instrumnet Name : P8
Client Sample ID : CCB015 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 18:59:54 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	23	23	20	22	8.65	cps
Ytterbium	172-2	10	0	17	9	94.38	cps
Ytterbium	176-1	403	450	353	402	12.02	cps
Ytterbium	176-2	47	57	70	58	20.26	cps
Yttrium	89-1	4917263	4796180	4838761	4850735	1.27	cps
Yttrium	89-2	283181	311509	303605	299431	4.88	cps
Zinc	66-2	57	93	97	82	26.99	cps
Zirconium	90-1	337	253	267	286	15.68	cps
Zirconium	91-1	73	60	37	57	32.75	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113666	111486	112450	112534	0.97	cps
Antimony	121-1	40152	41530	41369	41017	1.84	cps
Arsenic	75-2	8409	8162	8603	8391	2.63	cps
Barium	135-1	917830	938714	952814	936453	1.88	cps
Barium	137-1	1672799	1726929	1738564	1712764	2.05	cps
Beryllium	9-1	1477	1501	1421	1467	2.80	cps
Bismuth	209-1	2295616	2346233	2378560	2340136	1.79	cps
Bismuth	209-2	880974	879814	885797	882195	0.36	cps
Bromine	81-1	2177	2197	2394	2256	5.31	cps
Cadmium	108-1	640	707	663	670	5.05	cps
Cadmium	106-1	2020	2190	2077	2096	4.13	cps
Cadmium	111-1	7801	7914	7654	7790	1.67	cps
Calcium	43-1	671037	688447	697397	685627	1.96	cps
Calcium	44-1	11276037	11531081	11622913	11476677	1.57	cps
Carbon	12-1	745553	795924	807894	783124	4.22	cps
Carbon	12-2	5808	5611	5921	5780	2.72	cps
Chlorine	35-1	11138884	12456318	13154851	12250018	8.36	cps
Chlorine	35-2	49340	49929	51003	50091	1.68	cps
Chromium	52-2	92198	92365	93117	92560	0.53	cps
Cobalt	59-2	14634	14247	14134	14338	1.83	cps
Copper	63-2	742145	745615	750892	746217	0.59	cps
Dysprosium	156-1	17168	16961	17431	17187	1.37	cps
Dysprosium	156-2	5418	5314	5658	5463	3.23	cps
Erbium	164-1	13677	13781	13861	13773	0.67	cps
Erbium	164-2	4474	4761	4804	4680	3.83	cps
Gadolinium	160-1	14845	15129	15169	15047	1.17	cps
Gadolinium	160-2	6252	6405	6138	6265	2.14	cps
Holmium	165-1	3587998	3604197	3697681	3629959	1.63	cps
Holmium	165-2	1208281	1218550	1218225	1215018	0.48	cps
Indium	115-1	2749408	2707597	2788735	2748580	1.48	cps
Indium	115-2	247974	248060	249960	248664	0.45	cps
Iron	54-2	1302267	1311809	1401606	1338560	4.09	cps
Iron	56-2	25450976	25090701	25368671	25303450	0.75	cps
Iron	57-2	615051	613169	616473	614898	0.27	cps
Krypton	83-1	60	60	53	58	6.67	cps
Lead	206-1	8702457	8798165	8977974	8826198	1.58	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7201176	7285460	7281551	7256062	0.66	cps
Lead	208-1	33586696	34156561	34357258	34033505	1.17	cps
Lithium	6-1	852493	865798	882332	866874	1.72	cps
Magnesium	24-2	380602	378038	378937	379192	0.34	cps
Manganese	55-2	1183372	1175166	1186584	1181708	0.50	cps
Molybdenum	94-1	20786	21286	20946	21006	1.22	cps
Molybdenum	95-1	16440	16747	17007	16731	1.70	cps
Molybdenum	96-1	19357	19874	19961	19731	1.66	cps
Molybdenum	97-1	10164	10314	10421	10299	1.25	cps
Molybdenum	98-1	24852	26221	26575	25883	3.52	cps
Neodymium	150-1	26075	26606	26997	26560	1.74	cps
Neodymium	150-2	6452	6512	6438	6467	0.60	cps
Nickel	60-2	16610	16510	16920	16680	1.28	cps
Phosphorus	31-2	957	833	883	891	6.96	cps
Potassium	39-2	69010	68110	68418	68512	0.67	cps
Rhodium	103-1	2389916	2405629	2547109	2447551	3.54	cps
Rhodium	103-2	877904	884564	885385	882617	0.46	cps
Scandium	45-1	1584011	1574215	1591612	1583280	0.55	cps
Scandium	45-2	25266	25753	26157	25725	1.74	cps
Selenium	82-1	13	33	60	36	65.87	cps
Selenium	77-2	13	23	10	16	44.60	cps
Selenium	78-2	13	20	3	12	68.66	cps
Silicon	28-1	9437265	9729002	9731659	9632642	1.76	cps
Silver	107-1	61935	64506	64603	63681	2.38	cps
Silver	109-1	59936	61175	60994	60702	1.10	cps
Sodium	23-2	43735	43301	44839	43958	1.80	cps
Strontium	86-1	278201	280699	289097	282665	2.02	cps
Strontium	88-1	2534652	2580777	2599951	2571793	1.31	cps
Sulfur	34-1	92942	93620	93992	93518	0.57	cps
Terbium	159-1	3668633	3686367	3801961	3718987	1.95	cps
Terbium	159-2	1166333	1161516	1161675	1163174	0.24	cps
Thallium	203-1	1320	1240	1360	1307	4.68	cps
Thallium	205-1	3247	3094	3300	3214	3.34	cps
Tin	118-1	49797	49359	50663	49939	1.33	cps
Titanium	47-1	125190	130019	131266	128825	2.49	cps
Uranium	238-1	47211	47803	47990	47668	0.85	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-09DLX2 Instrumnet Name : P8
Client Sample ID : MH2H00 Dilution Factor : 2
Date & Time Acquired : 2025-02-03 19:58:12 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24251	24584	24775	24537	1.08	cps
Ytterbium	172-1	4397	4391	4501	4430	1.39	cps
Ytterbium	172-2	1797	1757	1753	1769	1.36	cps
Ytterbium	176-1	3130	3174	3237	3180	1.69	cps
Ytterbium	176-2	1363	1237	1137	1246	9.12	cps
Yttrium	89-1	4726955	4817561	4870537	4805018	1.51	cps
Yttrium	89-2	300728	303078	305036	302947	0.71	cps
Zinc	66-2	534533	533996	538350	535626	0.44	cps
Zirconium	90-1	31753	31542	31739	31678	0.37	cps
Zirconium	91-1	6968	7275	7265	7170	2.43	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225619	225791	224347	225252	0.35	cps
Antimony	121-1	32495	32288	30153	31646	4.10	cps
Arsenic	75-2	8209	7979	7876	8021	2.13	cps
Barium	135-1	1376010	1365042	1308539	1349864	2.68	cps
Barium	137-1	2526509	2450306	2419914	2465576	2.23	cps
Beryllium	9-1	3289	3149	3205	3214	2.19	cps
Bismuth	209-1	2320934	2291964	2155545	2256148	3.91	cps
Bismuth	209-2	810687	821436	820145	817422	0.72	cps
Bromine	81-1	3077	2690	2754	2840	7.30	cps
Cadmium	108-1	520	640	667	609	12.83	cps
Cadmium	106-1	1850	2070	1773	1898	8.12	cps
Cadmium	111-1	7866	7780	7493	7713	2.53	cps
Calcium	43-1	852556	852907	822049	842504	2.10	cps
Calcium	44-1	14283163	14229046	13810071	14107427	1.84	cps
Carbon	12-1	827033	843397	739284	803238	6.97	cps
Carbon	12-2	5364	5181	5188	5244	1.98	cps
Chlorine	35-1	11975500	12671259	12559588	12402116	3.01	cps
Chlorine	35-2	46829	47287	47183	47100	0.51	cps
Chromium	52-2	19754	19847	20111	19904	0.93	cps
Cobalt	59-2	20625	20829	20411	20622	1.01	cps
Copper	63-2	756082	759829	756801	757570	0.26	cps
Dysprosium	156-1	28023	27612	26433	27356	3.02	cps
Dysprosium	156-2	7996	8233	7772	8000	2.88	cps
Erbium	164-1	25174	24152	23037	24121	4.43	cps
Erbium	164-2	7596	7482	7726	7601	1.60	cps
Gadolinium	160-1	25150	25117	23594	24621	3.61	cps
Gadolinium	160-2	9637	9584	9817	9679	1.26	cps
Holmium	165-1	3636430	3642509	3490585	3589841	2.40	cps
Holmium	165-2	1123152	1134960	1139704	1132605	0.75	cps
Indium	115-1	2754088	2676359	2587548	2672665	3.12	cps
Indium	115-2	230065	232232	232818	231705	0.63	cps
Iron	54-2	1126199	1119732	1132225	1126052	0.55	cps
Iron	56-2	21753663	21712749	21648081	21704831	0.25	cps
Iron	57-2	526682	524464	529283	526809	0.46	cps
Krypton	83-1	57	90	77	74	22.53	cps
Lead	206-1	11956900	11987432	11255016	11733116	3.53	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10045727	9760663	9503843	9770078	2.77	cps
Lead	208-1	46798364	45700710	44195706	45564927	2.87	cps
Lithium	6-1	864938	859759	830983	851893	2.15	cps
Magnesium	24-2	214645	215960	217534	216046	0.67	cps
Manganese	55-2	899612	900092	903649	901117	0.24	cps
Molybdenum	94-1	22348	22348	21917	22204	1.12	cps
Molybdenum	95-1	15996	15926	14861	15594	4.08	cps
Molybdenum	96-1	19557	19330	18659	19182	2.43	cps
Molybdenum	97-1	9727	9680	9493	9633	1.28	cps
Molybdenum	98-1	25794	24749	23844	24796	3.94	cps
Neodymium	150-1	42266	41671	39431	41123	3.64	cps
Neodymium	150-2	9870	9557	9934	9787	2.06	cps
Nickel	60-2	17157	17187	17507	17284	1.12	cps
Phosphorus	31-2	953	1023	913	963	5.78	cps
Potassium	39-2	63482	63539	63371	63464	0.13	cps
Rhodium	103-1	2426644	2409989	2308460	2381697	2.69	cps
Rhodium	103-2	812764	815506	826293	818188	0.87	cps
Scandium	45-1	1642609	1595596	1507309	1581838	4.34	cps
Scandium	45-2	24658	24705	24554	24639	0.31	cps
Selenium	82-1	107	60	83	83	28.00	cps
Selenium	77-2	17	13	23	18	28.64	cps
Selenium	78-2	13	10	30	18	60.28	cps
Silicon	28-1	6826166	6789430	6508542	6708046	2.59	cps
Silver	107-1	67611	65803	64242	65885	2.56	cps
Silver	109-1	63509	63325	61382	62739	1.88	cps
Sodium	23-2	88077	87996	88107	88060	0.07	cps
Strontium	86-1	562836	560172	538400	553803	2.42	cps
Strontium	88-1	5085057	5093734	4876361	5018384	2.45	cps
Sulfur	34-1	90980	91530	88172	90228	2.00	cps
Terbium	159-1	3707981	3718733	3563284	3663332	2.37	cps
Terbium	159-2	1070956	1080711	1073895	1075187	0.47	cps
Thallium	203-1	2137	2170	2257	2188	2.83	cps
Thallium	205-1	5231	4994	4961	5062	2.91	cps
Tin	118-1	71130	71361	66232	69575	4.16	cps
Titanium	47-1	242858	239802	232587	238416	2.21	cps
Uranium	238-1	91430	88638	85264	88444	3.49	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : Q1178-10DLX3 Instrumnet Name : P8
Client Sample ID : MH2H01 Dilution Factor : 3
Date & Time Acquired : 2025-02-03 20:01:32 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30232	30242	30522	30332	0.54	cps
Ytterbium	172-1	9183	9000	8500	8894	3.98	cps
Ytterbium	172-2	3310	3380	3444	3378	1.97	cps
Ytterbium	176-1	6135	5825	5568	5842	4.86	cps
Ytterbium	176-2	2310	2190	2257	2252	2.67	cps
Yttrium	89-1	4919303	4886063	4745852	4850406	1.90	cps
Yttrium	89-2	291854	294062	294349	293422	0.47	cps
Zinc	66-2	490451	494740	492615	492602	0.44	cps
Zirconium	90-1	36638	37360	36314	36771	1.46	cps
Zirconium	91-1	8609	8456	8139	8401	2.85	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356748	360901	356809	358153	0.66	cps
Antimony	121-1	1293734	1322804	1259905	1292148	2.44	cps
Arsenic	75-2	20749	21263	21506	21173	1.83	cps
Barium	135-1	1681333	1716681	1624693	1674236	2.77	cps
Barium	137-1	2925901	2957590	2878493	2920661	1.36	cps
Beryllium	9-1	294480	300035	287629	294048	2.11	cps
Bismuth	209-1	1911184	1919916	1874871	1901990	1.26	cps
Bismuth	209-2	720664	726555	731100	726106	0.72	cps
Bromine	81-1	1483	1540	1660	1561	5.78	cps
Cadmium	108-1	23200	23163	22368	22910	2.05	cps
Cadmium	106-1	34222	34486	32996	33902	2.35	cps
Cadmium	111-1	302439	308443	295589	302157	2.13	cps
Calcium	43-1	1830955	1836963	1769338	1812419	2.07	cps
Calcium	44-1	28999745	29975970	28532040	29169252	2.53	cps
Carbon	12-1	585782	603749	615030	601521	2.45	cps
Carbon	12-2	4327	4194	4287	4270	1.60	cps
Chlorine	35-1	135194	137966	132543	135234	2.01	cps
Chlorine	35-2	520	550	587	552	6.05	cps
Chromium	52-2	199253	201550	201120	200641	0.61	cps
Cobalt	59-2	380505	384519	383556	382860	0.55	cps
Copper	63-2	3010057	3038484	3026738	3025093	0.47	cps
Dysprosium	156-1	150	147	97	131	22.79	cps
Dysprosium	156-2	17	27	17	20	28.86	cps
Erbium	164-1	90	100	67	86	19.99	cps
Erbium	164-2	33	40	17	30	40.05	cps
Gadolinium	160-1	80	67	57	68	17.27	cps
Gadolinium	160-2	20	37	37	31	30.93	cps
Holmium	165-1	3165780	3195332	3063757	3141623	2.20	cps
Holmium	165-2	1068086	1063702	1069899	1067229	0.30	cps
Indium	115-1	2242854	2319013	2216230	2259366	2.36	cps
Indium	115-2	204906	207529	208185	206873	0.84	cps
Iron	54-2	2043810	2093714	2064744	2067423	1.21	cps
Iron	56-2	37739186	38401445	38460616	38200416	1.05	cps
Iron	57-2	919627	932069	928195	926630	0.69	cps
Krypton	83-1	50	57	50	52	7.37	cps
Lead	206-1	5529931	5542856	5311839	5461542	2.38	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4789035	4801329	4558708	4716358	2.90	cps
Lead	208-1	21802855	21953142	20935490	21563829	2.55	cps
Lithium	6-1	714317	733383	706641	718114	1.92	cps
Magnesium	24-2	6107791	6208370	6098118	6138093	0.99	cps
Manganese	55-2	827047	840110	839878	835678	0.89	cps
Molybdenum	94-1	4498774	4540280	4381793	4473616	1.84	cps
Molybdenum	95-1	6438984	6493294	6296878	6409719	1.58	cps
Molybdenum	96-1	6977591	7167023	6866672	7003762	2.17	cps
Molybdenum	97-1	3993552	4092868	3889929	3992117	2.54	cps
Molybdenum	98-1	10352349	10483114	10081864	10305776	1.99	cps
Neodymium	150-1	160	123	127	137	14.83	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	106242	106783	106961	106662	0.35	cps
Phosphorus	31-2	3337	3390	3467	3398	1.92	cps
Potassium	39-2	1884938	1893854	1896514	1891769	0.32	cps
Rhodium	103-1	1982188	2009920	1975066	1989058	0.93	cps
Rhodium	103-2	702737	709427	709736	707300	0.56	cps
Scandium	45-1	1333369	1382136	1321807	1345771	2.38	cps
Scandium	45-2	21503	22024	22120	21882	1.52	cps
Selenium	82-1	17448	17952	17191	17530	2.21	cps
Selenium	77-2	287	267	240	264	8.85	cps
Selenium	78-2	883	803	867	851	4.96	cps
Silicon	28-1	12366160	12534944	12087056	12329387	1.83	cps
Silver	107-1	1474656	1608891	1443018	1508855	5.84	cps
Silver	109-1	1415353	1436709	1382354	1411472	1.94	cps
Sodium	23-2	12117479	12069331	12244905	12143905	0.75	cps
Strontium	86-1	411288	425527	402524	413113	2.81	cps
Strontium	88-1	3751948	3790063	3623420	3721810	2.35	cps
Sulfur	34-1	166461	166487	160973	164640	1.93	cps
Terbium	159-1	3258640	3296700	3215031	3256790	1.25	cps
Terbium	159-2	1013358	1012107	1013512	1012992	0.08	cps
Thallium	203-1	1335065	1347118	1297606	1326596	1.95	cps
Thallium	205-1	3350678	3389411	3290313	3343467	1.49	cps
Tin	118-1	1033358	1048757	1007111	1029742	2.04	cps
Titanium	47-1	1603089	1672960	1583669	1619906	2.90	cps
Uranium	238-1	4546045	4637867	4420755	4534889	2.40	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCV016 Instrumnet Name : P8
Client Sample ID : CCV016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:28:34 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	159002	163127	160599	160909	1.29	cps
Ytterbium	172-1	110	103	67	93	25.00	cps
Ytterbium	172-2	40	53	43	46	15.23	cps
Ytterbium	176-1	6795	6608	6472	6625	2.45	cps
Ytterbium	176-2	2237	2250	2244	2244	0.30	cps
Yttrium	89-1	3886726	3976823	3789080	3884210	2.42	cps
Yttrium	89-2	249355	251867	251238	250820	0.52	cps
Zinc	66-2	317347	322708	319424	319826	0.85	cps
Zirconium	90-1	2251682	2286787	2181435	2239968	2.39	cps
Zirconium	91-1	477601	489124	466501	477742	2.37	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7	13	30	17	72.11	cps
Antimony	121-1	293	263	237	264	10.72	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	170	147	157	158	7.42	cps
Barium	137-1	243	297	227	256	14.31	cps
Beryllium	9-1	184	145	121	150	21.03	cps
Bismuth	209-1	2176018	2279657	2265672	2240449	2.51	cps
Bismuth	209-2	870858	878817	879482	876386	0.55	cps
Bromine	81-1	1703	1627	1827	1719	5.87	cps
Cadmium	108-1	3	7	7	6	34.70	cps
Cadmium	106-1	1013	930	1107	1017	8.69	cps
Cadmium	111-1	740	683	797	740	7.68	cps
Calcium	43-1	147	133	157	146	8.04	cps
Calcium	44-1	1923	1747	1810	1827	4.90	cps
Carbon	12-1	462552	453669	450855	455692	1.34	cps
Carbon	12-2	2654	2727	2934	2771	5.24	cps
Chlorine	35-1	135635	134864	133203	134567	0.92	cps
Chlorine	35-2	513	567	567	549	5.61	cps
Chromium	52-2	100	70	97	89	18.50	cps
Cobalt	59-2	50	40	53	48	14.52	cps
Copper	63-2	533	517	580	543	6.04	cps
Dysprosium	156-1	43	60	33	46	29.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	13	17	20	17	20.01	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	13	13	14	13.35	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	3355080	3508877	3523680	3462546	2.70	cps
Holmium	165-2	1167376	1173470	1166086	1168977	0.34	cps
Indium	115-1	2590061	2693374	2695716	2659717	2.27	cps
Indium	115-2	242191	242406	240827	241808	0.35	cps
Iron	54-2	203	210	193	202	4.15	cps
Iron	56-2	3340	3274	3124	3246	3.42	cps
Iron	57-2	87	103	63	84	23.79	cps
Krypton	83-1	37	53	43	44	18.87	cps
Lead	206-1	640	707	587	644	9.33	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	600	593	603	599	0.85	cps
Lead	208-1	2573	2783	2497	2618	5.67	cps
Lithium	6-1	780426	803503	803439	795789	1.67	cps
Magnesium	24-2	613	477	497	529	13.96	cps
Manganese	55-2	170	173	190	178	6.03	cps
Molybdenum	94-1	240	227	277	248	10.45	cps
Molybdenum	95-1	293	277	260	277	6.02	cps
Molybdenum	96-1	360	313	370	348	8.70	cps
Molybdenum	97-1	220	220	217	219	0.88	cps
Molybdenum	98-1	550	433	510	498	11.91	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	227	240	230	3.83	cps
Phosphorus	31-2	3	3	3	3	0.00	cps
Potassium	39-2	3400	3287	3370	3353	1.75	cps
Rhodium	103-1	2384720	2467183	2451073	2434325	1.80	cps
Rhodium	103-2	861756	864896	864117	863590	0.19	cps
Scandium	45-1	1429659	1514090	1508346	1484031	3.18	cps
Scandium	45-2	23857	24461	23873	24064	1.43	cps
Selenium	82-1	13	-37	7	-6	-488.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	3	1	173.21	cps
Silicon	28-1	82754	81587	81560	81967	0.83	cps
Silver	107-1	183	183	157	174	8.83	cps
Silver	109-1	1482	100	167	583	133.72	cps
Sodium	23-2	17083	17267	15959	16770	4.22	cps
Strontium	86-1	107	93	93	98	7.88	cps
Strontium	88-1	263	270	273	269	1.89	cps
Sulfur	34-1	70005	70648	70819	70490	0.61	cps
Terbium	159-1	3476157	3521996	3584480	3527544	1.54	cps
Terbium	159-2	1118642	1111292	1117969	1115968	0.36	cps
Thallium	203-1	190	213	150	184	17.37	cps
Thallium	205-1	523	463	453	480	7.89	cps
Tin	118-1	253	230	227	237	6.14	cps
Titanium	47-1	40	57	110	69	53.08	cps
Uranium	238-1	107	103	130	113	12.82	cps

LB Number : LB134589 Operator : Jaswal
Lab Sample ID : CCB016 Instrumnet Name : P8
Client Sample ID : CCB016 Dilution Factor : 1
Date & Time Acquired : 2025-02-03 20:32:41 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	0	10	7	86.60	cps
Ytterbium	172-1	17	10	17	14	26.66	cps
Ytterbium	172-2	7	7	7	7	0.00	cps
Ytterbium	176-1	363	380	357	367	3.28	cps
Ytterbium	176-2	57	53	53	54	3.54	cps
Yttrium	89-1	4273955	4387209	4436961	4366041	1.91	cps
Yttrium	89-2	275833	280667	277809	278103	0.87	cps
Zinc	66-2	50	60	63	58	12.01	cps
Zirconium	90-1	203	223	200	209	6.04	cps
Zirconium	91-1	43	50	60	51	16.42	cps