

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134430

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP111642
sulfate ICV 20ppm	WP111643
Sulfate Buffer solution A	WP108958
Sulfate LCS std, 20ppm	WP111644
Sulfate LOD std 2.5PPM	WP111645
Sulfate Calibration std, 15ppm	WP111636
Sulfate Calibration std, 25ppm	WP111647
Sulfate Calibration std, 0ppm	WP111634
Sulfate Calibration std, 10ppm	WP111635
Sulfate Calibration std, 20ppm	WP111637
Sulfate Calibration std, 30ppm	WP111638
Sulfate Calibration std, 40ppm	WP111640
Sulfate Calibration std, 5ppm	WP111641
Sulfate Calibration std, 35ppm	WP111639
Sulfate LOQ Std- 5ppm	WP111646

Intercept: -5.2982

Slope: 3.4342

Regression: 0.996336

Seq	Lab ID	True Val (mg/l)	DF	Matrix	Initial Reading	Final Reading	Difference	Result (mg/l)	%D	AnalDate	Anal Time
1	CAL1	0	1	Water	0.194	0.260	0.066	1.562		01/28/2025	10:00
2	CAL2	5	1	Water	0.192	10.800	10.608	4.632	-7.4	01/28/2025	10:03
3	CAL3	10	1	Water	0.194	29.400	29.206	10.047	0.5	01/28/2025	10:06
4	CAL4	15	1	Water	0.194	46.200	46.006	14.939	-0.4	01/28/2025	10:09
5	CAL5	20	1	Water	0.201	60.800	60.599	19.189	-4.1	01/28/2025	10:12
6	CAL6	25	1	Water	0.204	74.800	74.596	23.264	-6.9	01/28/2025	10:15
7	CAL7	30	1	Water	0.402	94.200	93.798	28.856	-3.8	01/28/2025	10:18
8	CAL8	35	1	Water	0.204	118.000	117.796	35.844	2.4	01/28/2025	10:21
9	CAL9	40	1	Water	0.204	138.000	137.796	41.667	4.2	01/28/2025	10:24

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Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	MATRIX	Initial Reading	Final Reading	Difference	Result (mg/L)	AnalDate	Anal Time
1	ICV			20	1	Water	0.210	59.800	59.590	18.895	01/28/2025	10:27
2	ICB				1	Water	0.204	0.240	0.036	1.553	01/28/2025	10:30
3	CCV1			20	1	Water	0.208	68.200	67.992	21.341	01/28/2025	10:33
4	CCB1				1	Water	0.212	0.260	0.048	1.557	01/28/2025	10:36
5	LB134430BL	50	50		1	Water	0.206	0.260	0.054	1.558	01/28/2025	10:39
6	LB134430BS	50	50	20	1	Water	0.206	62.600	62.394	19.711	01/28/2025	10:42
7	Q1168-10	50	50		1	Water	0.194	4.820	4.626	2.890	01/28/2025	10:45
8	Q1168-11	50	50		1	Water	0.196	14.600	14.404	5.737	01/28/2025	10:48
9	CCV2			20	1	Water	0.210	68.200	67.990	21.341	01/28/2025	10:51
10	CCB2				1	Water	0.212	0.274	0.062	1.561	01/28/2025	10:54