

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130758

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP107956
sulfate ICV 20ppm	WP107957
Sulfate Buffer solution A	WP107433
Sulfate LCS std, 20ppm	WP107958
Sulfate LOD std 2.5PPM	WP107959
Sulfate Calibration std, 15ppm	WP107949
Sulfate Calibration std, 25ppm	WP107951
Sulfate Calibration std, 0ppm	WP107947
Sulfate Calibration std, 10ppm	WP107948
Sulfate Calibration std, 20ppm	WP107950
Sulfate Calibration std, 30ppm	WP107952
Sulfate Calibration std, 40ppm	WP107954
Sulfate Calibration std, 5ppm	WP107955
Sulfate Calibration std, 35ppm	WP107953
Sulfate LOQ Std- 5ppm	WP107960

Intercept: -0.678

Slope: 3.0085

Regression: 0.999626

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	0.225	0.237	0.012	0.229		05/14/2024	12:50
2	CAL2	5	1	Water	0.227	13.812	13.585	4.741	-5.2	05/14/2024	12:53
3	CAL3	10	1	Water	0.230	30.020	29.790	10.127	1.3	05/14/2024	12:56
4	CAL4	15	1	Water	0.231	43.050	42.819	14.458	-3.6	05/14/2024	12:59
5	CAL5	20	1	Water	0.232	60.950	60.718	20.408	2	05/14/2024	13:02
6	CAL6	25	1	Water	0.234	75.010	74.776	25.08	0.3	05/14/2024	13:05
7	CAL7	30	1	Water	0.235	90.801	90.566	30.329	1.1	05/14/2024	13:08
8	CAL8	35	1	Water	0.236	103.050	102.814	34.4	-1.7	05/14/2024	13:11
9	CAL9	40	1	Water	0.238	120.590	120.352	40.229	0.6	05/14/2024	13:14



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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	0.229	57.950	57.721	19.411	05/14/2024	13:17
2	ICB				1	Water	0.227	0.266	0.039	0.238	05/14/2024	13:20
3	CCV1			20	1	Water	0.231	60.050	59.819	20.109	05/14/2024	13:23
4	CCB1				1	Water	0.229	0.260	0.031	0.236	05/14/2024	13:26
5	LB130758BL	50	50		1	Water	0.228	0.275	0.047	0.241	05/14/2024	13:29
6	LB130758BS	50	50	20	1	Water	0.228	61.680	61.452	20.651	05/14/2024	13:32
7	P2403-10	50	50		1	Water	0.232	7.010	6.778	2.478	05/14/2024	13:35
8	P2403-11	50	50		1	Water	0.234	14.820	14.586	5.074	05/14/2024	13:38
9	CCV2			20	1	Water	0.239	61.050	60.811	20.438	05/14/2024	13:42
10	CCB2				1	Water	0.230	0.269	0.039	0.238	05/14/2024	13:45