

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130801

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
Phosphate LOD-MDL Std 0.025ppm	WP107795
Sulfate Calibration std, 35ppm	WP107953
Sulfate LOQ Std- 5ppm	WP107960

Intercept: -0.7958

Slope: 3.0229

Regression: 0.999531

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	0.271		05/16/2024	15:00
2	CAL2	5	1	Water	0.226	14.200	13.974	4.891	-2.2	05/16/2024	15:02
3	CAL3	10	1	Water	0.228	30.100	29.872	10.144	1.4	05/16/2024	15:04
4	CAL4	15	1	Water	0.231	42.100	41.869	14.121	-5.9	05/16/2024	15:06
5	CAL5	20	1	Water	0.232	61.400	61.168	20.507	2.5	05/16/2024	15:08
6	CAL6	25	1	Water	0.233	75.200	74.967	25.012	0	05/16/2024	15:10
7	CAL7	30	1	Water	0.234	90.800	90.566	30.213	0.7	05/16/2024	15:12
8	CAL8	35	1	Water	0.236	104.000	103.764	34.641	-1	05/16/2024	15:14
9	CAL9	40	1	Water	0.236	121.000	120.764	40.202	0.5	05/16/2024	15:16



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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	58.300	58.071	19.474	05/16/2024	15:18
2	ICB				1	Water	0.225	0.259	0.034	0.275	05/16/2024	15:20
3	CCV1			20	1	Water	0.230	60.100	59.870	20.069	05/16/2024	15:22
4	CCB1				1	Water	0.228	0.259	0.031	0.274	05/16/2024	15:24
5	LB130801BL	50	50		1	Water	0.228	0.265	0.037	0.275	05/16/2024	15:26
6	LB130801BS	50	50	20	1	Water	0.228	61.200	60.972	20.433	05/16/2024	15:28
7	P2403-12	50	50		1	Water	0.232	7.812	7.580	2.771	05/16/2024	15:30
8	CCV2			20	1	Water	0.239	62.500	62.261	20.860	05/16/2024	15:32
9	CCB2				1	Water	0.228	0.261	0.033	0.274	05/16/2024	15:34