

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138173

Reagent/Standard	Lot/Log #
Sulfate Buffer solution A	WP115847
Sulfate LCS std, 20ppm	WP115938
Sulfate LOD std 2.5PPM	WP115940
Sulfate Calibration std, 15ppm	WP115931
Sulfate Calibration std, 25ppm	WP115933
Sulfate Calibration std, 0ppm	WP115928
Sulfate Calibration std, 10ppm	WP115930
Sulfate Calibration std, 20ppm	WP115932
Sulfate Calibration std, 30ppm	WP115934
Sulfate Calibration std, 40ppm	WP115936
Sulfate Calibration std, 5ppm	WP115929
Sulfate Calibration std, 35ppm	WP115935
sulfate ICV 20ppm	WP115937
sulfate CCV 20ppm	WP115939

Intercept: -4.6594

Slope: 3.3868

Regression: 0.998146

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	0.196	0.264	0.068	1.396		12/09/2025	14:30
2	CAL2	5	1	Water	0.190	10.600	10.410	4.449	-11	12/09/2025	14:33
3	CAL3	10	1	Water	0.192	28.600	28.408	9.764	-2.4	12/09/2025	14:36
4	CAL4	15	1	Water	0.192	46.200	46.008	14.96	-0.3	12/09/2025	14:39
5	CAL5	20	1	Water	0.192	60.200	60.008	19.094	-4.5	12/09/2025	14:42
6	CAL6	25	1	Water	0.204	76.800	76.596	23.992	-4	12/09/2025	14:45
7	CAL7	30	1	Water	0.202	96.800	96.598	29.898	-0.3	12/09/2025	14:48
8	CAL8	35	1	Water	0.208	118.000	117.792	36.155	3.3	12/09/2025	14:51
9	CAL9	40	1	Water	0.202	132.000	131.798	40.291	0.7	12/09/2025	14:54

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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	0.208	62.400	62.192	19.739	12/09/2025	14:57
2	ICB				1	Water	0.202	0.256	0.054	1.392	12/09/2025	15:00
3	CCV1			20	1	Water	0.206	60.800	60.594	19.267	12/09/2025	15:03
4	CCB1				1	Water	0.200	0.258	0.058	1.393	12/09/2025	15:06
5	LB138173BL	50	50		1	Water	0.204	0.260	0.056	1.392	12/09/2025	15:09
6	LB138173BS	50	50	20	1	Water	0.210	60.800	60.590	19.266	12/09/2025	15:12
7	Q3530-12	50	50		1	Water	0.194	4.370	4.176	2.609	12/09/2025	15:15
8	CCV2			20	1	Water	0.208	62.200	61.992	19.680	12/09/2025	15:18
9	CCB2				1	Water	0.206	0.260	0.054	1.392	12/09/2025	15:21