

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137066

Reagent/Standard	Lot/Log #
Sulfate LCS std, 20ppm	WP114570
Sulfate LOD std 2.5PPM	WP114567
Sulfate Calibration std, 15ppm	WP114559
Sulfate Calibration std, 25ppm	WP114561
Sulfate Calibration std, 0ppm	WP114557
Sulfate Calibration std, 10ppm	WP114558
Sulfate Calibration std, 20ppm	WP114560
Sulfate Calibration std, 30ppm	WP114562
Sulfate Calibration std, 40ppm	WP114564
Sulfate Calibration std, 5ppm	WP114565
Sulfate Calibration std, 35ppm	WP114563
Sulfate LOQ Std- 5ppm	WP114566
sulfate CCV 20ppm	WP114569
sulfate ICV 20ppm	WP114568
Sulfate Buffer solution A	WP112974

Intercept: -4.3058

Slope: 3.3862

Regression: 0.995881

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	1.960	1.764	1.793		09/04/2025	10:00
2	CAL2	5	1	Water	0.194	11.600	11.406	4.64	-7.2	09/04/2025	10:03
3	CAL3	10	1	Water	0.193	29.600	29.407	9.956	-0.4	09/04/2025	10:06
4	CAL4	15	1	Water	0.193	45.600	45.407	14.681	-2.1	09/04/2025	10:09
5	CAL5	20	1	Water	0.204	60.400	60.196	19.048	-4.8	09/04/2025	10:12
6	CAL6	25	1	Water	0.206	74.400	74.194	23.182	-7.3	09/04/2025	10:15
7	CAL7	30	1	Water	0.402	94.200	93.798	28.972	-3.4	09/04/2025	10:18
8	CAL8	35	1	Water	0.206	119.000	118.794	36.353	3.9	09/04/2025	10:21
9	CAL9	40	1	Water	0.206	136.000	135.794	41.374	3.4	09/04/2025	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	0.204	60.200	59.996	18.989	09/04/2025	10:27
2	ICB				1	Water	0.206	0.258	0.052	1.287	09/04/2025	10:30
3	CCV1			20	1	Water	0.212	62.400	62.188	19.637	09/04/2025	10:33
4	CCB1				1	Water	0.202	0.270	0.068	1.292	09/04/2025	10:36
5	LB137066BL	50	50		1	Water	0.210	0.262	0.052	1.287	09/04/2025	10:39
6	LB137066BS	50	50	20	1	Water	0.212	61.200	60.988	19.282	09/04/2025	10:42
7	Q2893-10	50	50		1	Water	0.192	4.680	4.488	2.597	09/04/2025	10:45
8	Q2893-11	50	50		1	Water	0.196	14.200	14.004	5.407	09/04/2025	10:48
9	CCV2			20	1	Water	0.204	60.200	59.996	18.989	09/04/2025	10:51
10	CCB2				1	Water	0.216	0.268	0.052	1.287	09/04/2025	10:54