

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135191

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP112482
sulfate ICV 20ppm	WP112483
Sulfate Buffer solution A	WP111691
Sulfate LCS std, 20ppm	WP112484
Sulfate Calibration std, 15ppm	WP112476
Sulfate Calibration std, 25ppm	WP112478
Sulfate Calibration std, 0ppm	WP112473
Sulfate Calibration std, 10ppm	WP112475
Sulfate Calibration std, 20ppm	WP112477
Sulfate Calibration std, 30ppm	WP112479
Sulfate Calibration std, 40ppm	WP112481
Sulfate Calibration std, 5ppm	WP112474
Sulfate Calibration std, 35ppm	WP112480

Intercept: -5.1132

Slope: 3.4116

Regression: 0.996083

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	0.179	0.220	0.041	1.511		03/26/2025	10:30
2	CAL2	5	1	Water	0.196	10.800	10.604	4.607	-7.9	03/26/2025	10:33
3	CAL3	10	1	Water	0.194	30.200	30.006	10.294	2.9	03/26/2025	10:36
4	CAL4	15	1	Water	0.200	46.200	46.000	14.982	-0.1	03/26/2025	10:39
5	CAL5	20	1	Water	0.204	59.600	59.396	18.909	-5.5	03/26/2025	10:42
6	CAL6	25	1	Water	0.206	74.100	73.894	23.158	-7.4	03/26/2025	10:45
7	CAL7	30	1	Water	0.220	93.800	93.580	28.929	-3.6	03/26/2025	10:48
8	CAL8	35	1	Water	0.222	118.000	117.778	36.022	2.9	03/26/2025	10:51
9	CAL9	40	1	Water	0.230	137.000	136.770	41.588	4	03/26/2025	10:54

Analytical Summary Report

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Run Number: LB135191

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	0.250	60.400	60.150	19.130	03/26/2025	10:57
2	ICB				1	Water	0.210	0.224	0.014	1.503	03/26/2025	11:00
3	CCV1			20	1	Water	0.230	64.800	64.570	20.425	03/26/2025	11:03
4	CCB1				1	Water	0.214	0.244	0.030	1.508	03/26/2025	11:06
5	LB135191BL	50	50		1	Water	0.208	0.246	0.038	1.510	03/26/2025	11:09
6	LB135191BS	50	50	20	1	Water	0.204	60.900	60.696	19.290	03/26/2025	11:12
7	Q1505-05	50	50		1	Water	0.350	392.000	391.650	116.298	03/26/2025	11:15
8	Q1505-05				5	Water	0.312	58.200	57.888	18.467	03/26/2025	11:18
9	CCV2			20	1	Water	0.210	59.700	59.490	18.936	03/26/2025	11:21
10	CCB2				1	Water	0.218	0.240	0.022	1.505	03/26/2025	11:24

WORKLIST(Hardcopy Internal Chain)

LB13591

WorkList Name : SULFATE PT -03262025

WorkList ID : 188543

Department : Wet-Chemistry

Date : 03-26-2025 08:32:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-05	PT-MIN1-WP	Water	Sulfate	Cool 4 deg C	ALLI03	QA Of	03/03/2025	SM 4500-SO4

Date/Time 03.26.2025 109:15
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: 12(wc)

Date/Time NA
 Raw Sample Received by: u
 Raw Sample Relinquished by: u