

Analysis Method: SM 4500-SO4E

ANALYST: Niha

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132528

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP109815
sulfate ICV 20ppm	WP109816
Sulfate Buffer solution A	WP108958
Sulfate Calibration std, 15ppm	WP109809
Sulfate Calibration std, 25ppm	WP109811
Sulfate Calibration std, 0ppm	WP109806
Sulfate Calibration std, 10ppm	WP109808
Sulfate Calibration std, 20ppm	WP109810
Sulfate Calibration std, 30ppm	WP109812
Sulfate Calibration std, 40ppm	WP109814
Sulfate Calibration std, 5ppm	WP109807
Sulfate Calibration std, 35ppm	WP109813
Sulfate LCS std, 20ppm	WP109817

Intercept: -4.9867

Slope: 3.4114

Regression: 0.996472

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	0.192	0.266	0.074	1.483		09/20/2024	09:30
2	CAL2	5	1	Water	0.193	11.600	11.407	4.806	-3.9	09/20/2024	09:33
3	CAL3	10	1	Water	0.195	29.400	29.205	10.023	0.2	09/20/2024	09:36
4	CAL4	15	1	Water	0.197	45.800	45.603	14.83	-1.1	09/20/2024	09:39
5	CAL5	20	1	Water	0.200	60.300	60.100	19.079	-4.6	09/20/2024	09:42
6	CAL6	25	1	Water	0.201	74.200	73.999	23.153	-7.4	09/20/2024	09:45
7	CAL7	30	1	Water	0.202	94.400	94.198	29.074	-3.1	09/20/2024	09:48
8	CAL8	35	1	Water	0.205	119.000	118.795	36.285	3.7	09/20/2024	09:51
9	CAL9	40	1	Water	0.206	136.000	135.794	41.268	3.2	09/20/2024	09:54

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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	0.206	60.900	60.694	19.253	09/20/2024	09:57
2	ICB				1	Water	0.207	0.277	0.070	1.482	09/20/2024	10:00
3	CCV1			20	1	Water	0.210	67.500	67.290	21.187	09/20/2024	10:03
4	CCB1				1	Water	0.208	0.269	0.061	1.480	09/20/2024	10:07
5	LB132528BL	50	50		1	Water	0.208	0.257	0.049	1.476	09/20/2024	10:10
6	LB132528BS	50	50	20	1	Water	0.212	61.300	61.088	19.369	09/20/2024	10:13
7	P3848-05	50	50		1	Water	0.422	369.000	368.578	109.505	09/20/2024	10:16
8	P3848-05				5	Water	0.268	68.600	68.332	21.492	09/20/2024	10:20
9	CCV2			20	1	Water	0.218	67.200	66.982	21.097	09/20/2024	10:23
10	CCB2				1	Water	0.219	0.284	0.065	1.481	09/20/2024	10:27

LB132528

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SULFATE PT- 09192024

WorkList ID : 183638

Department : Wet-Chemistry

Date : 09-19-2024 09:51:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3848-05	PT-MIN1-WP	Water	Sulfate	Cool 4 deg C	CHEM02	QA Of	09/03/2024	SM 4500-SO4

Date/Time09.20.2024, 09:00

Raw Sample Received by:NP(WC)

Raw Sample Relinquished by:SJ(QA0)

Date/TimeNA

Raw Sample Received by:l

Raw Sample Relinquished by:h