

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129223

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP106213
sulfate ICV 20ppm	WP106214
Sulfate Buffer solution A	WP104746
Sulfate LCS std, 20ppm	WP106215
Sulfate LOD std 2.5PPM	WP106216
Sulfate Calibration std, 15ppm	WP106207
Sulfate Calibration std, 25ppm	WP106209
Sulfate Calibration std, 0ppm	WP106204
Sulfate Calibration std, 10ppm	WP106206
Sulfate Calibration std, 20ppm	WP106208
Sulfate Calibration std, 30ppm	WP106210
Sulfate Calibration std, 40ppm	WP106212
Sulfate Calibration std, 5ppm	WP106205
Sulfate Calibration std, 35ppm	WP106211
Sulfate LOQ Std- 5ppm	WP106217

Intercept: -1.494

Slope: 3.0226

Regression: 0.999726

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	0.206	0.244	0.038	0.507		01/23/2024	12:30
2	CAL2	5	1	Water	0.206	13.100	12.894	4.76	-4.8	01/23/2024	12:34
3	CAL3	10	1	Water	0.204	28.800	28.596	9.955	-0.4	01/23/2024	12:38
4	CAL4	15	1	Water	0.210	42.200	41.990	14.386	-4.1	01/23/2024	12:42
5	CAL5	20	1	Water	0.219	59.400	59.181	20.074	0.4	01/23/2024	12:46
6	CAL6	25	1	Water	0.212	74.600	74.388	25.105	0.4	01/23/2024	12:50
7	CAL7	30	1	Water	0.220	90.200	89.980	30.263	0.9	01/23/2024	12:54
8	CAL8	35	1	Water	0.219	104.000	103.781	34.829	-0.5	01/23/2024	12:58
9	CAL9	40	1	Water	0.222	120.000	119.778	40.122	0.3	01/23/2024	13:02



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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	0.215	58.800	58.585	19.877	01/23/2024	13:06
2	ICB				1	Water	0.208	0.500	0.292	0.591	01/23/2024	13:10
3	CCV1			20	1	Water	0.217	60.200	59.983	20.339	01/23/2024	13:14
4	CCB1				1	Water	0.212	0.252	0.040	0.508	01/23/2024	13:18
5	LB129223BL	50	50		1	Water	0.224	0.258	0.034	0.506	01/23/2024	13:22
6	LB129223BS	50	50	20	1	Water	0.220	58.600	58.380	19.809	01/23/2024	13:26
7	P1187-10	50	50		1	Water	0.222	6.780	6.558	2.664	01/23/2024	13:30
8	P1187-11	50	50		1	Water	0.224	13.100	12.876	4.754	01/23/2024	13:34
9	CCV2			20	1	Water	0.226	60.400	60.174	20.402	01/23/2024	13:38
10	CCB2				1	Water	0.216	0.261	0.045	0.509	01/23/2024	13:42