

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Iwona

Parameter: Sulfate

SUPERVISOR REVIEW BY: Sohil

Run Number: LB125524

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP102472
sulfate ICV 20ppm	WP102473
Sulfate Buffer solution A	WP101811
Sulfate LCS std, 20ppm	WP102474
Sulfate LOD std 2.5PPM	WP102475
Sulfate Calibration std, 15ppm	WP102466
Sulfate Calibration std, 25ppm	WP102468
Sulfate Calibration std, 0ppm	WP102463
Sulfate Calibration std, 10ppm	WP102465
Sulfate Calibration std, 20ppm	WP102467
Sulfate Calibration std, 30ppm	WP102469
Sulfate Calibration std, 40ppm	WP102471
Sulfate Calibration std, 5ppm	WP102464
Sulfate Calibration std, 35ppm	WP102470

Intercept: -1.3072

Slope: 3.0238

Regression: 0.999777

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	0.203	0.246	0.043	0.447		05/15/2023	11:20
2	CAL2	5	1	Water	0.205	13.300	13.095	4.763	-4.7	05/15/2023	11:23
3	CAL3	10	1	Water	0.208	29.300	29.092	10.053	0.5	05/15/2023	11:27
4	CAL4	15	1	Water	0.210	42.400	42.190	14.385	-4.1	05/15/2023	11:30
5	CAL5	20	1	Water	0.213	59.800	59.587	20.138	0.7	05/15/2023	11:34
6	CAL6	25	1	Water	0.216	74.600	74.384	25.032	0.1	05/15/2023	11:38
7	CAL7	30	1	Water	0.219	89.800	89.581	30.058	0.2	05/15/2023	11:42
8	CAL8	35	1	Water	0.221	105.000	104.779	35.084	0.2	05/15/2023	11:46
9	CAL9	40	1	Water	0.225	120.000	119.775	40.043	0.1	05/15/2023	11:50



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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	0.217	59.400	59.183	20.005	05/15/2023	11:54
2	ICB				1	Water	0.216	0.256	0.040	0.446	05/15/2023	12:00
3	CCV1			20	1	Water	0.222	60.900	60.678	20.499	05/17/2023	13:30
4	CCB1				1	Water	0.224	0.264	0.040	0.446	05/17/2023	13:34
5	LB125524BL	50	50		1	Water	0.223	0.261	0.038	0.445	05/17/2023	13:38
6	LB125524BS	50	50	20	1	Water	0.225	58.100	57.875	19.572	05/17/2023	13:42
7	O2213-12	50	50		1	Water	0.227	6.820	6.593	2.613	05/17/2023	13:46
8	CCV2			20	1	Water	0.224	60.700	60.476	20.432	05/17/2023	13:50
9	CCB2				1	Water	0.223	0.260	0.037	0.445	05/17/2023	13:54