

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130325

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP107446
Sulfate Buffer solution A	WP107433
Sulfate LCS std, 20ppm	WP107447
Sulfate Calibration std, 15ppm	WP107439
Sulfate Calibration std, 25ppm	WP107441
Sulfate Calibration std, 0ppm	WP107421
Sulfate Calibration std, 10ppm	WP107438
Sulfate Calibration std, 20ppm	WP107440
Sulfate Calibration std, 30ppm	WP107442
Sulfate Calibration std, 40ppm	WP107444
Sulfate Calibration std, 5ppm	WP107437
Sulfate Calibration std, 35ppm	WP107443
sulfate CCV 20ppm	WP107445

Intercept: -0.9485

Slope: 2.9986

Regression: 0.999798

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	0.214	0.256	0.042	0.33		04/16/2024	12:10
2	CAL2	5	1	Water	0.216	13.600	13.384	4.78	-4.4	04/16/2024	12:14
3	CAL3	10	1	Water	0.224	29.200	28.976	9.979	-0.2	04/16/2024	12:18
4	CAL4	15	1	Water	0.222	42.600	42.378	14.449	-3.7	04/16/2024	12:22
5	CAL5	20	1	Water	0.224	59.800	59.576	20.184	0.9	04/16/2024	12:26
6	CAL6	25	1	Water	0.232	75.000	74.768	25.251	1	04/16/2024	12:30
7	CAL7	30	1	Water	0.232	89.800	89.568	30.186	0.6	04/16/2024	12:34
8	CAL8	35	1	Water	0.235	104.000	103.765	34.921	-0.2	04/16/2024	12:38
9	CAL9	40	1	Water	0.240	119.000	118.760	39.921	-0.2	04/16/2024	12:42



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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	0.228	60.000	59.772	20.250	04/16/2024	12:46
2	ICB				1	Water	0.224	0.256	0.032	0.327	04/16/2024	12:50
3	CCV1			20	1	Water	0.228	60.200	59.972	20.316	04/16/2024	12:54
4	CCB1				1	Water	0.216	0.254	0.038	0.329	04/16/2024	12:58
5	LB130325BL	50	50		1	Water	0.226	0.258	0.032	0.327	04/16/2024	13:02
6	LB130325BS	50	50	20	1	Water	0.230	59.800	59.570	20.182	04/16/2024	13:06
7	P1911-05	50	50		1	Water	0.223	442.000	441.777	147.644	04/16/2024	13:10
8	CCV2			20	1	Water	0.234	60.000	59.766	20.248	04/16/2024	13:14
9	CCB2				1	Water	0.218	0.258	0.040	0.330	04/16/2024	13:18
10	P1911-05				5	Water	0.224	76.200	75.976	25.653	04/16/2024	13:22
11	CCV3			20	1	Water	0.226	60.600	60.374	20.450	04/16/2024	13:26
12	CCB3				1	Water	0.220	0.268	0.048	0.332	04/16/2024	13:30

WORKLIST(Hardcopy Internal Chain)

LB130325

WorkList Name : sulfate-sm-4-16

WorkList ID : 179436

Department : Wet-Chemistry

Date : 04-16-2024 08:15:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1911-05	PT-MIN1-WP	Water	Sulfate	Cool 4 deg C	CHEM02	QA Of	03/26/2024	SM 4500-SO4

Date/Time 04/16/2024 08:30
Raw Sample Received by: RM WCL
Raw Sample Relinquished by: SJ (QA0)

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