

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: Iwona

Parameter: Sulfate

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127816

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP104737
sulfate ICV 20ppm	WP104738
Sulfate Buffer solution A	WP104746
Sulfate LCS std, 20ppm	WP104745
Sulfate LOD std 2.5PPM	WP104739
Sulfate Calibration std, 15ppm	WP104731
Sulfate Calibration std, 25ppm	WP104733
Sulfate Calibration std, 0ppm	WP104728
Sulfate Calibration std, 10ppm	WP104730
Sulfate Calibration std, 20ppm	WP104732
Sulfate Calibration std, 30ppm	WP104734
Sulfate Calibration std, 40ppm	WP104736
Sulfate Calibration std, 5ppm	WP104729
Sulfate Calibration std, 35ppm	WP104735
Sulfate LOQ Std- 5ppm	WP104740

Intercept: 1.468

Slope: 3.575

Regression: 0.997042

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	0.375	0.396	0.021	-0.405		10/16/2023	13:20
2	CAL2	5	1	Water	0.375	16.700	16.325	4.156	-16.9	10/16/2023	13:23
3	CAL3	10	1	Water	0.378	39.400	39.022	10.505	5.1	10/16/2023	13:26
4	CAL4	15	1	Water	0.374	59.000	58.626	15.988	6.6	10/16/2023	13:32
5	CAL5	20	1	Water	0.376	79.600	79.224	21.75	8.8	10/16/2023	10:35
6	CAL6	25	1	Water	0.376	87.000	86.624	23.82	-4.7	10/16/2023	13:37
7	CAL7	30	1	Water	0.372	104.000	103.628	28.576	-4.7	10/16/2023	13:40
8	CAL8	35	1	Water	0.378	129.000	128.622	35.568	1.6	10/16/2023	13:43
9	CAL9	40	1	Water	0.379	145.000	144.621	40.043	0.1	10/16/2023	13:48

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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	0.379	78.600	78.221	21.469	10/16/2023	13:52
2	ICB				1	Water	0.374	0.386	0.012	-0.407	10/16/2023	13:56
3	CCV1			20	1	Water	0.375	80.100	79.725	21.890	10/16/2023	14:00
4	CCB1				1	Water	0.371	0.376	0.005	-0.409	10/16/2023	14:03
5	LB127816BL	50	50		1	Water	0.373	0.379	0.006	-0.409	10/16/2023	14:06
6	LB127816BS	50	50	20	1	Water	0.378	80.200	79.822	21.917	10/16/2023	14:09
7	O4349-05	50	50		1	Water	0.374	232.000	231.626	64.380	10/16/2023	14:12
8	O4699-10	50	50		1	Water	0.375	9.620	9.245	2.175	10/16/2023	14:15
9	CCV2			20	1	Water	0.367	79.200	78.833	21.641	10/16/2023	14:18
10	CCB2				1	Water	0.374	0.381	0.007	-0.409	10/16/2023	14:22
11	O4699-11	50	50		1	Water	0.374	18.200	17.826	4.576	10/16/2023	14:26
12	CCV3			20	1	Water	0.381	79.400	79.019	21.693	10/16/2023	14:30
13	CCB3				1	Water	0.381	0.386	0.005	-0.409	10/16/2023	14:33
14	O4349-05				5	Water	0.367	51.700	51.333	13.948	10/16/2023	14:36
15	CCV4			20	1	Water	0.375	78.600	78.225	21.470	10/16/2023	14:40
16	CCB4				1	Water	0.372	0.522	0.150	-0.369	10/16/2023	14:43

WORKLIST(Hardcopy Internal Chain)

LB12816

WorkList Name : SULFATE-101623

WorkList ID : 174602

Department : Wet-Chemistry

Date : 10-16-2023 10:59:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-05	PT-MIN1-WP	Water	Sulfate	Cool 4 deg C	CHEM02	QA Of	09/05/2023	SM 4500-SO4
O4699-10	LOD-MDL-WATER-04-QT4-202	Water	Sulfate	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM 4500-SO4
O4699-11	LOQ-WATER-05-QT4-2023	Water	Sulfate	Cool 4 deg C	CHEM02	QA Of	10/02/2023	SM 4500-SO4

Date/Time

10/16/23 12:00

Raw Sample Received by:

12/01

Raw Sample Relinquished by:

ST (QAOPFC)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by: