

Analysis Method: SM 4500-SO4E

ANALYST: rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137443

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP115082
Sulfate Buffer solution A	WP112974
Sulfate LCS std, 20ppm	WP115084
Sulfate Calibration std, 15ppm	WP115076
Sulfate Calibration std, 25ppm	WP115078
Sulfate Calibration std, 0ppm	WP115073
Sulfate Calibration std, 10ppm	WP115075
Sulfate Calibration std, 20ppm	WP115077
Sulfate Calibration std, 30ppm	WP115079
Sulfate Calibration std, 40ppm	WP115081
Sulfate Calibration std, 5ppm	WP115074
Sulfate Calibration std, 35ppm	WP115080
sulfate CCV 20ppm	WP115083

Intercept: -5.2192

Slope: 3.4253

Regression: 0.996083

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	0.180	0.216	0.036	1.534		10/07/2025	12:00
2	CAL2	5	1	Water	0.190	10.600	10.410	4.563	-8.7	10/07/2025	12:03
3	CAL3	10	1	Water	0.192	29.800	29.608	10.168	1.7	10/07/2025	12:06
4	CAL4	15	1	Water	0.196	46.600	46.404	15.071	0.5	10/07/2025	12:09
5	CAL5	20	1	Water	0.200	59.600	59.400	18.865	-5.7	10/07/2025	12:12
6	CAL6	25	1	Water	0.208	74.400	74.192	23.184	-7.3	10/07/2025	12:15
7	CAL7	30	1	Water	0.214	94.200	93.986	28.962	-3.5	10/07/2025	12:18
8	CAL8	35	1	Water	0.218	120.000	119.782	36.494	4.3	10/07/2025	12:21
9	CAL9	40	1	Water	0.228	136.000	135.772	41.162	2.9	10/07/2025	12:24

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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	0.242	61.200	60.958	19.320	10/07/2025	12:27
2	ICB				1	Water	0.206	0.222	0.016	1.528	10/07/2025	12:30
3	CCV1			20	1	Water	0.240	60.200	59.960	19.029	10/07/2025	12:33
4	CCB1				1	Water	0.210	0.248	0.038	1.535	10/07/2025	12:36
5	LB137443BL	50	50		1	Water	0.214	0.248	0.034	1.534	10/07/2025	12:39
6	LB137443BS	50	50	20	1	Water	0.202	61.200	60.998	19.332	10/07/2025	12:42
7	Q3019-05	50	50		1	Water	0.360	399.000	398.640	117.905	10/07/2025	12:45
8	Q3019-05				5	Water	0.313	62.800	62.487	19.767	10/07/2025	12:48
9	CCV2			20	1	Water	0.238	62.400	62.162	19.672	10/07/2025	12:51
10	CCB2				1	Water	0.216	0.248	0.032	1.533	10/07/2025	12:54

### WORKLIST(Hardcopy Internal Chain)

6137 443

WorkList Name : sulfate-3019\*      WorkList ID : 192326      Department : Wet-Chemistry      Date : 10-06-2025 13:11:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3019-05	WP0925-PT-MIN1-WP	Water	Sulfate	Cool 4 deg C	ALLI03	QA Of	09/02/2025	SM 4500-SO4

Date/Time 10/07/25 10:40  
Raw Sample Received by: 12 (WC)  
Raw Sample Relinquished by: ST (QA)

Date/Time NA  
Raw Sample Received by: 11  
Raw Sample Relinquished by: 11