

## Analytical Summary Report

Analysis Method: 9038

ANALYST: Rubina

Parameter: Sulfate

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130326

| Reagent/Standard               | Lot/Log # |
|--------------------------------|-----------|
| sulfate ICV 20ppm              | WP107446  |
| conditioning reagent           | WP106218  |
| 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: -1.2096

Slope: 2.9958

Regression: 0.999358

| Seq | Lab ID | True Val<br>(mg/l) | DF | Matrix | Initial<br>Reading | Final<br>Reading | Difference | Result<br>(mg/l) | %D   | AnalDate   | Anal<br>Time |
|-----|--------|--------------------|----|--------|--------------------|------------------|------------|------------------|------|------------|--------------|
| 1   | CAL1   | 0                  | 1  | Water  | 0.182              | 0.264            | 0.082      | 0.431            |      | 04/16/2024 | 10:30        |
| 2   | CAL2   | 5                  | 1  | Water  | 0.186              | 12.900           | 12.714     | 4.648            | -7   | 04/16/2024 | 10:34        |
| 3   | CAL3   | 10                 | 1  | Water  | 0.187              | 27.800           | 27.613     | 9.621            | -3.8 | 04/16/2024 | 10:38        |
| 4   | CAL4   | 15                 | 1  | Water  | 0.185              | 43.400           | 43.215     | 14.829           | -1.1 | 04/16/2024 | 10:42        |
| 5   | CAL5   | 20                 | 1  | Water  | 0.190              | 60.200           | 60.010     | 20.435           | 2.2  | 04/16/2024 | 10:46        |
| 6   | CAL6   | 25                 | 1  | Water  | 0.188              | 74.400           | 74.212     | 25.175           | 0.7  | 04/16/2024 | 10:50        |
| 7   | CAL7   | 30                 | 1  | Water  | 0.192              | 90.100           | 89.908     | 30.414           | 1.4  | 04/16/2024 | 10:54        |
| 8   | CAL8   | 35                 | 1  | Water  | 0.194              | 101.000          | 100.806    | 34.052           | -2.7 | 04/16/2024 | 10:58        |
| 9   | CAL9   | 40                 | 1  | Water  | 0.196              | 120.000          | 119.804    | 40.393           | 1    | 04/16/2024 | 11:02        |



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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  | 0.194           | 61.400        | 61.206     | 20.834        | 04/16/2024 | 11:06     |
| 2   | ICB        |                |           |                   | 1  | Water  | 0.188           | 0.256         | 0.068      | 0.426         | 04/16/2024 | 11:10     |
| 3   | CCV1       |                |           | 20                | 1  | Water  | 0.190           | 61.200        | 61.010     | 20.769        | 04/16/2024 | 11:14     |
| 4   | CCB1       |                |           |                   | 1  | Water  | 0.186           | 0.240         | 0.054      | 0.422         | 04/16/2024 | 11:18     |
| 5   | LB130326BL | 50             | 50        |                   | 1  | Water  | 0.191           | 0.242         | 0.051      | 0.421         | 04/16/2024 | 11:20     |
| 6   | LB130326BS | 50             | 50        | 20                | 1  | Water  | 0.196           | 60.000        | 59.804     | 20.366        | 04/16/2024 | 11:24     |
| 7   | P1911-06   | 50             | 50        |                   | 1  | Water  | 0.192           | 438.000       | 437.808    | 146.544       | 04/16/2024 | 11:28     |
| 8   | CCV2       |                |           | 20                | 1  | Water  | 0.196           | 59.000        | 58.804     | 20.033        | 04/16/2024 | 11:32     |
| 9   | CCB2       |                |           |                   | 1  | Water  | 0.184           | 0.238         | 0.054      | 0.422         | 04/16/2024 | 11:36     |
| 10  | P1911-06   |                |           |                   | 5  | Water  | 0.184           | 77.200        | 77.016     | 26.112        | 04/16/2024 | 11:40     |
| 11  | CCV3       |                |           | 20                | 1  | Water  | 0.192           | 61.400        | 61.208     | 20.835        | 04/16/2024 | 11:44     |
| 12  | CCB3       |                |           |                   | 1  | Water  | 0.184           | 0.238         | 0.054      | 0.422         | 04/16/2024 | 11:48     |

66130326

WORKLIST(Hardcopy Internal Chain)

WorkList Name : sulfate-4-16      WorkList ID : 179435      Department : Wet-Chemistry      Date : 04-16-2024 08:14:58

| Sample   | Customer Sample | Matrix | Test    | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|---------|--------------|----------|-----------------------------|--------------|--------|
| P1911-06 | PT-MIN1-WP      | Water  | Sulfate | Cool 4 deg C | CHEM02   | QA Of                       | 03/26/2024   | 9038   |

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

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