



## Analytical Summary Report

Analysis Method: 9038

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB104386

BalanceID: WC SC-4

| Reagent/Standard               | Lot/Log # |
|--------------------------------|-----------|
| sulfate CCV 20ppm              | WP77030   |
| sulfate ICV 20ppm              | WP77031   |
| conditioning reagent           | WP74905   |
| Sulfate LCS std, 20ppm         | WP77032   |
| Sulfate LOD std 1.0PPM         | WP77033   |
| Sulfate Calibration std, 15ppm | WP77024   |
| Sulfate Calibration std, 25ppm | WP77026   |
| Sulfate Calibration std, 0ppm  | WP76952   |
| Sulfate Calibration std, 10ppm | WP77023   |
| Sulfate Calibration std, 20ppm | WP77025   |
| Sulfate Calibration std, 30ppm | WP77027   |
| Sulfate Calibration std, 40ppm | WP77029   |
| Sulfate Calibration std, 5ppm  | WP77022   |
| Sulfate Calibration std, 35ppm | WP77028   |
| Sulfate LOQ Std- 5ppm          | WP77034   |

Intercept: -0.7477

Slope: 3.2249

Regression: 0.999379

| Seq | Lab ID | True Val<br>(mg/l) | DF | MATRIX | Initial<br>Reading | Final<br>Reading | Difference | AnalDate   | Anal Time |
|-----|--------|--------------------|----|--------|--------------------|------------------|------------|------------|-----------|
| 1   | CAL1   | 0                  | 1  | Solid  | 0.192              | 0.338            | 0.146      | 08/02/2019 | 10:15     |
| 2   | CAL2   | 5                  | 1  | Solid  | 0.226              | 14.700           | 14.474     | 08/02/2019 | 10:21     |
| 3   | CAL3   | 10                 | 1  | Solid  | 0.265              | 31.800           | 31.535     | 08/02/2019 | 10:27     |
| 4   | CAL4   | 15                 | 1  | Solid  | 0.245              | 46.600           | 46.355     | 08/02/2019 | 10:33     |
| 5   | CAL5   | 20                 | 1  | Solid  | 0.215              | 62.400           | 62.185     | 08/02/2019 | 10:38     |
| 6   | CAL6   | 25                 | 1  | Solid  | 0.295              | 82.700           | 82.405     | 08/02/2019 | 10:42     |
| 7   | CAL7   | 30                 | 1  | Solid  | 0.295              | 98.500           | 98.205     | 08/02/2019 | 10:48     |
| 8   | CAL8   | 35                 | 1  | Solid  | 0.297              | 112.000          | 111.703    | 08/02/2019 | 10:55     |
| 9   | CAL9   | 40                 | 1  | Solid  | 0.256              | 127.000          | 126.744    | 08/02/2019 | 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  | 0.298           | 60.500        | 60.202     | 18.900        | 08/02/2019 | 11:08     |
| 2   | ICB        |                |           |                   | 1  | Water  | 0.199           | 0.329         | 0.130      | 0.272         | 08/02/2019 | 11:15     |
| 3   | CCV1       |                |           | 20                | 1  | Water  | 0.292           | 61.500        | 61.208     | 19.212        | 08/02/2019 | 11:22     |
| 4   | CCB1       |                |           |                   | 1  | Water  | 0.280           | 0.364         | 0.084      | 0.258         | 08/02/2019 | 11:28     |
| 5   | LB104386BL | 5.01           | 50        |                   | 1  | Solid  | 0.290           | 0.360         | 0.070      | 0.254         | 08/02/2019 | 11:35     |
| 6   | LB104386BS | 5.00           | 50        | 20                | 1  | Solid  | 0.211           | 59.200        | 58.989     | 18.524        | 08/02/2019 | 11:42     |
| 7   | K3591-03   | 5.02           | 50        |                   | 1  | Solid  | 0.190           | 2.390         | 2.200      | 0.914         | 08/02/2019 | 11:48     |
| 8   | CCV2       |                |           | 20                | 1  | Water  | 0.217           | 61.200        | 60.983     | 19.142        | 08/02/2019 | 11:55     |
| 9   | CCB2       |                |           |                   | 1  | Water  | 0.170           | 0.299         | 0.129      | 0.272         | 08/02/2019 | 12:01     |