

# Analytical Summary Report

Analysis Method: 9038

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB93984

BalanceID: WC SC-4

| Reagent/Standard                   | Lot/Log # |
|------------------------------------|-----------|
| sulfate ICV 20ppm                  | WP62825   |
| Sulfate LCS std, 20ppm             | WP62829   |
| sulfate 0.0ppm                     | WP62813   |
| sulfate 5ppm                       | WP62814   |
| sulfate 10ppm                      | WP62815   |
| sulfate 20ppm                      | WP62817   |
| sulfate 30ppm                      | WP62821   |
| sulfate 40ppm                      | WP62823   |
| sulfate CCV 20ppm                  | WP62826   |
| Sulfate std, 15ppm                 | WP62816   |
| Sulfate std, 35ppm                 | WP62822   |
| Sulfate std, 25ppm                 | WP62818   |
| BARIUM CHLORIDE DIHYDRATE ACS 100G | W2210     |
| conditioning reagent               | WP59618   |
| Sulfate LOD std 1.0PPM             | WP62830   |

Intercept: -1.7683

Slope: 3.1933

Regression: 0.999466

| Seq | Lab ID | True Val<br>(mg/l) | DF | MATRIX | Initial<br>Reading | Final<br>Reading | Difference | AnalDate   | Anal Time |
|-----|--------|--------------------|----|--------|--------------------|------------------|------------|------------|-----------|
| 1   | CAL1   | 0                  | 1  | Water  | 0.201              | 0.396            | 0.195      | 03/19/2018 | 11:18     |
| 2   | CAL2   | 5                  | 1  | Water  | 0.186              | 13.800           | 13.614     | 03/19/2018 | 11:24     |
| 3   | CAL3   | 10                 | 1  | Water  | 0.318              | 29.900           | 29.582     | 03/19/2018 | 11:29     |
| 4   | CAL4   | 15                 | 1  | Water  | 0.180              | 46.900           | 46.720     | 03/19/2018 | 11:35     |
| 5   | CAL5   | 20                 | 1  | Water  | 0.179              | 59.900           | 59.721     | 03/19/2018 | 11:41     |
| 6   | CAL6   | 25                 | 1  | Water  | 0.181              | 78.600           | 78.419     | 03/19/2018 | 11:45     |
| 7   | CAL7   | 30                 | 1  | Water  | 0.185              | 92.600           | 92.415     | 03/19/2018 | 11:51     |
| 8   | CAL8   | 35                 | 1  | Water  | 0.199              | 110.800          | 110.601    | 03/19/2018 | 11:56     |
| 9   | CAL9   | 40                 | 1  | Water  | 0.190              | 127.800          | 127.610    | 03/19/2018 | 12:02     |



## Analytical Summary Report

Analysis Method: 9038  
Parameter: Sulfate  
Run Number: LB93984

ANALYST: AMANDEEP  
SUPERVISOR REVIEW BY: apatel

| Seq | Lab ID    | Initial Weight | Final Vol | True Value | DF | MATRIX | Initial Reading | Final Reading | Difference | Result (mg/L) | AnalDate   | Anal Time |
|-----|-----------|----------------|-----------|------------|----|--------|-----------------|---------------|------------|---------------|------------|-----------|
| 1   | ICV       |                |           | 20         | 1  | Water  | 0.278           | 62.900        | 62.622     | 20.164        | 03/19/2018 | 12:07     |
| 2   | ICB       |                |           |            | 1  | Water  | 0.159           | 0.289         | 0.130      | 0.594         | 03/19/2018 | 12:13     |
| 3   | CCV1      |                |           | 20         | 1  | Water  | 0.159           | 59.500        | 59.341     | 19.137        | 03/19/2018 | 13:16     |
| 4   | CCB1      |                |           |            | 1  | Water  | 0.161           | 0.298         | 0.137      | 0.597         | 03/19/2018 | 13:22     |
| 5   | LB93984BL | 5.00           | 50        |            | 1  | Solid  | 0.165           | 0.299         | 0.134      | 0.596         | 03/19/2018 | 13:26     |
| 6   | LB93984BS | 5.01           | 50        | 20         | 1  | Solid  | 0.210           | 59.800        | 59.590     | 19.215        | 03/19/2018 | 13:32     |
| 7   | J1161-01  | 5.01           | 50        |            | 1  | Solid  | 0.206           | 1.850         | 1.644      | 1.069         | 03/19/2018 | 13:36     |
| 8   | J1161-03  | 5.00           | 50        |            | 1  | Solid  | 0.160           | 1.980         | 1.820      | 1.124         | 03/19/2018 | 13:42     |
| 9   | CCV2      |                |           | 20         | 1  | Water  | 0.199           | 60.200        | 60.001     | 19.343        | 03/19/2018 | 13:47     |
| 10  | CCB2      |                |           |            | 1  | Water  | 0.180           | 0.302         | 0.122      | 0.592         | 03/19/2018 | 13:53     |