

## Analytical Summary Report

Analysis Method: SM4500 Cl G

ANALYST: Niha

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131839

| Reagent/Standard                             | Lot/Log # |
|----------------------------------------------|-----------|
| Residual chlorine LOD, 0.05PPM               | WP108970  |
| Residual chlorine ICV-LCS, 0.4PPM            | WP108963  |
| Chlorine Calibration std, 0.1ppm             | WP108966  |
| Chlorine Calibration std, 0.2ppm             | WP108967  |
| Chlorine Calibration std, 0.8ppm             | WP108968  |
| Chlorine Calibration std, 0.0ppm             | WP108965  |
| Chlorine Calibration std, 1.6ppm             | WP108969  |
| Residual Chlorine LOQ 0.1ppm                 | WP108972  |
| Residual Chlorine Calibration and CCV std, 0 | WP108964  |
| Total Chlorine Powder Pillows                | W2815     |

Intercept: 0.0141

Slope: 0.9333

Regression: 0.999808

| Seq | Lab ID | True Val<br>(mg/l) | DF | Initial<br>Reading | Final<br>Reading | Difference | Result<br>(mg/l) | %D   | AnalDate   | Anal Time |
|-----|--------|--------------------|----|--------------------|------------------|------------|------------------|------|------------|-----------|
| 1   | CAL1   | 0                  | 1  | 0.000              | 0.000            | 0.000      | -0.02            |      | 08/01/2024 | 16:00     |
| 2   | CAL2   | 0.1                | 1  | 0.000              | 0.100            | 0.100      | 0.09             | -8   | 08/01/2024 | 16:03     |
| 3   | CAL3   | 0.2                | 1  | 0.000              | 0.210            | 0.210      | 0.21             | 5    | 08/01/2024 | 16:06     |
| 4   | CAL4   | 0.4                | 1  | 0.000              | 0.400            | 0.400      | 0.41             | 3.2  | 08/01/2024 | 16:09     |
| 5   | CAL5   | 0.8                | 1  | 0.000              | 0.768            | 0.768      | 0.81             | 1    | 08/01/2024 | 16:12     |
| 6   | CAL6   | 1.6                | 1  | 0.000              | 1.500            | 1.500      | 1.59             | -0.5 | 08/01/2024 | 16:15     |

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Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131839

| Seq | Lab ID      | Initial Weight | Final Vol | True Value (mg/L) | DF | Initial Reading | Final Reading | Diff.  | Result (mg/L) | Anal Date  | Anal Time |
|-----|-------------|----------------|-----------|-------------------|----|-----------------|---------------|--------|---------------|------------|-----------|
| 1   | ICV         |                |           | 0.4               | 1  | 0.0000          | 0.4000        | 0.4000 | 0.4130        | 08/01/2024 | 16:18     |
| 2   | ICB         |                |           |                   | 1  | 0.0000          | 0.0100        | 0.0100 | -0.0040       | 08/01/2024 | 16:21     |
| 3   | CCV1        |                |           | 0.4               | 1  | 0.0000          | 0.4100        | 0.4100 | 0.4240        | 08/01/2024 | 16:24     |
| 4   | CCB1        |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | -0.0150       | 08/01/2024 | 16:27     |
| 5   | LB131839BL  | 50             | 50        |                   | 1  | 0.0000          | 0.0000        | 0.0000 | -0.0150       | 08/01/2024 | 16:30     |
| 6   | LB131839BS  | 50             | 50        | 0.4               | 1  | 0.0000          | 0.4100        | 0.4100 | 0.4240        | 08/01/2024 | 16:33     |
| 7   | P3390-07    | 50             | 50        |                   | 1  | 0.0000          | 0.0500        | 0.0500 | 0.0380        | 08/01/2024 | 16:36     |
| 8   | P3390-08    | 50             | 50        |                   | 1  | 0.0000          | 0.1000        | 0.1000 | 0.0920        | 08/01/2024 | 16:39     |
| 9   | P3443-01    | 50             | 50        |                   | 1  | 0.0000          | 1.3100        | 1.3100 | 1.3890        | 08/01/2024 | 16:42     |
| 10  | P3443-01DUP | 50             | 50        |                   | 1  | 0.0000          | 1.3000        | 1.3000 | 1.3780        | 08/01/2024 | 16:45     |
| 11  | P3443-01MS  | 50             | 50        | 0.4               | 1  | 0.0000          | 1.6800        | 1.6800 | 1.7850        | 08/01/2024 | 16:48     |
| 12  | P3443-01MSD | 50             | 50        | 0.4               | 1  | 0.0000          | 1.6800        | 1.6800 | 1.7850        | 08/01/2024 | 16:51     |
| 13  | P3443-01MS  |                |           | 0.4               | 2  | 0.0000          | 0.8100        | 0.8100 | 0.8530        | 08/01/2024 | 16:54     |
| 14  | P3443-01MSD |                |           | 0.4               | 2  | 0.0000          | 0.8100        | 0.8100 | 0.8530        | 08/01/2024 | 16:57     |
| 15  | CCV2        |                |           | 0.4               | 1  | 0.0000          | 0.4000        | 0.4000 | 0.4130        | 08/01/2024 | 17:00     |
| 16  | CCB2        |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | -0.0150       | 08/01/2024 | 17:03     |

LB 131839

WORKLIST(Hardcopy Internal Chain)

WorkList Name : RESID CHLOR-0801202

WorkList ID : 182268

Department : Wet-Chemistry

Date : 08-01-2024 09:41:19

| Sample   | Customer Sample           | Matrix | Test              | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method      |
|----------|---------------------------|--------|-------------------|--------------|----------|-----------------------------|--------------|-------------|
| P3390-07 | LOD-MDL-WATER-01-QT3-202  | Water  | Residual Chlorine | Cool 4 deg C | CHEM02   | QA Of                       | 07/29/2024   | SM4500 Cl G |
| P3390-08 | LOQ-WATER-02-QT3-2024     | Water  | Residual Chlorine | Cool 4 deg C | CHEM02   | QA Of                       | 07/29/2024   | SM4500 Cl G |
| P3443-01 | Water Treatment Discharge | Water  | Residual Chlorine | Cool 4 deg C | VERI01   | K11                         | 08/01/2024   | SM4500 Cl G |

Date/Time08.01.2024, 15:30

Raw Sample Received by:NFLWCJ

Raw Sample Relinquished by:MCW

Date/Time08.01.2024, 17:00

Raw Sample Received by:201 G0946

Raw Sample Relinquished by:NFLWCJ