

## Analytical Summary Report

Analysis Method: SM4500 Cl G

ANALYST: Niha

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134371

| Reagent/Standard                             | Lot/Log # |
|----------------------------------------------|-----------|
| Residual chlorine ICV-LCS, 0.4PPM            | WP111572  |
| Chlorine Calibration std, 0.1ppm             | WP111567  |
| Chlorine Calibration std, 0.2ppm             | WP111568  |
| Chlorine Calibration std, 0.8ppm             | WP111569  |
| Chlorine Calibration std, 0.0ppm             | WP111566  |
| Chlorine Calibration std, 1.6ppm             | WP111570  |
| Residual Chlorine Calibration and CCV std, 0 | WP111571  |
| Total Chlorine Powder Pillows                | W3147     |

Intercept: -0.0114

Slope: 1.0189

Regression: 0.999670

| Seq | Lab ID | True Val (mg/l) | DF | Initial Reading | Final Reading | Difference | Result (mg/l) | %D   | AnalDate   | Anal Time |
|-----|--------|-----------------|----|-----------------|---------------|------------|---------------|------|------------|-----------|
| 1   | CAL1   | 0               | 1  | 0.000           | 0.000         | 0.000      | 0.01          |      | 01/23/2025 | 09:00     |
| 2   | CAL2   | 0.1             | 1  | 0.000           | 0.110         | 0.110      | 0.12          | 19   | 01/23/2025 | 09:03     |
| 3   | CAL3   | 0.2             | 1  | 0.000           | 0.180         | 0.180      | 0.19          | -6   | 01/23/2025 | 09:06     |
| 4   | CAL4   | 0.4             | 1  | 0.000           | 0.380         | 0.380      | 0.38          | -4   | 01/23/2025 | 09:09     |
| 5   | CAL5   | 0.8             | 1  | 0.000           | 0.790         | 0.790      | 0.79          | -1.6 | 01/23/2025 | 09:12     |
| 6   | CAL6   | 1.6             | 1  | 0.000           | 1.630         | 1.630      | 1.61          | 0.7  | 01/23/2025 | 09:15     |

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Run Number: LB134371

| 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          | 0.3800        | 0.3800 | 0.3780        | 01/23/2025 | 09:18     |
| 2   | ICB         |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | 0.0200        | 01/23/2025 | 09:21     |
| 3   | CCV1        |                |           | 0.4               | 1  | 0.0000          | 0.4100        | 0.4100 | 0.4070        | 01/23/2025 | 09:24     |
| 4   | CCB1        |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | 0.0200        | 01/23/2025 | 09:27     |
| 5   | LB134371BL  | 50             | 50        |                   | 1  | 0.0000          | 0.0000        | 0.0000 | 0.0200        | 01/23/2025 | 09:30     |
| 6   | LB134371BS  | 50             | 50        | 0.4               | 1  | 0.0000          | 0.3800        | 0.3800 | 0.3780        | 01/23/2025 | 09:33     |
| 7   | Q1157-01    | 50             | 50        |                   | 1  | 0.0000          | 0.0700        | 0.0700 | 0.0860        | 01/23/2025 | 09:36     |
| 8   | Q1157-01DUP | 50             | 50        |                   | 1  | 0.0000          | 0.0600        | 0.0600 | 0.0770        | 01/23/2025 | 09:39     |
| 9   | Q1157-01MS  | 50             | 50        | 0.4               | 1  | 0.0000          | 0.4100        | 0.4100 | 0.4140        | 01/23/2025 | 09:42     |
| 10  | Q1157-01MSD | 50             | 50        | 0.4               | 1  | 0.0000          | 0.3900        | 0.3900 | 0.3880        | 01/23/2025 | 09:45     |
| 11  | Q1157-02    | 50             | 50        |                   | 1  | 0.0000          | 0.0300        | 0.0300 | 0.0480        | 01/23/2025 | 09:48     |
| 12  | Q1157-03    | 50             | 50        |                   | 1  | 0.0000          | 0.0300        | 0.0300 | 0.0480        | 01/23/2025 | 09:51     |
| 13  | Q1157-04    | 50             | 50        |                   | 1  | 0.0000          | 0.0100        | 0.0100 | 0.0300        | 01/23/2025 | 09:54     |
| 14  | Q1157-05    | 50             | 50        |                   | 1  | 0.0000          | 0.0900        | 0.0900 | 0.1050        | 01/23/2025 | 09:57     |
| 15  | CCV2        |                |           | 0.4               | 1  | 0.0000          | 0.4000        | 0.4000 | 0.3970        | 01/23/2025 | 10:00     |
| 16  | CCB2        |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | 0.0200        | 01/23/2025 | 10:03     |
| 17  | Q1157-06    | 50             | 50        |                   | 1  | 0.0000          | 0.0400        | 0.0400 | 0.0580        | 01/23/2025 | 10:06     |
| 18  | Q1157-07    | 50             | 50        |                   | 1  | 0.0000          | 0.1900        | 0.1900 | 0.1990        | 01/23/2025 | 10:09     |
| 19  | CCV3        |                |           | 0.4               | 1  | 0.0000          | 0.3900        | 0.3900 | 0.3880        | 01/23/2025 | 10:12     |
| 20  | CCB3        |                |           |                   | 1  | 0.0000          | 0.0000        | 0.0000 | 0.0200        | 01/23/2025 | 10:15     |

# WORKLIST(Hardcopy Internal Chain)

LB134371

WorkList Name : RESIDUAL CHLORINE-C

WorkList ID : 187070

Department : Wet-Chemistry

Date : 01-22-2025 16:57:57

| Sample   | Customer Sample          | Matrix | Test              | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method      |
|----------|--------------------------|--------|-------------------|--------------|----------|-----------------------------|--------------|-------------|
| Q1157-01 | B2-W10-RM2016-SINK       | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-02 | B2-W10-RM2010-SINK       | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-03 | B2-W10-RM2011-RH-SINK    | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-04 | B2-W10-LH-DRINKING FOUNT | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-05 | B2-W10-RM2019-EYEWASH    | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-06 | B2-W10-RM2040-SINK       | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |
| Q1157-07 | B2-W10-RM-2035-SINK      | Water  | Residual Chlorine | Cool 4 deg C | CLOU03   | E11                         | 01/22/2025   | SM4500 Cl G |

Date/Time 01.23.2025, 08:45

Raw Sample Received by: NFLWC

Raw Sample Relinquished by: NFLWC

Date/Time 01.23.2025, 11:00

Raw Sample Received by: NFLWC

Raw Sample Relinquished by: NFLWC