

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135485

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm    | WP112758  |
| calibration std. phosphate 0.5 ppm  | WP112757  |
| calibration std. phosphate 0.3 ppm  | WP112756  |
| calibration std. phosphate 0.1 ppm  | WP112755  |
| calibration std. phosphate 0.05 ppm | WP112754  |
| calibration std. 0 ppm              | WP112753  |
| phosphate CCV std.                  | WP112759  |
| 5N sulfuric acid                    | WP110380  |
| Combined reagent                    | WP112762  |
| Phenolphthalein indicator           | WP111415  |
| Sodium hydroxide, 1N                | WP111323  |
| Phosphate ICV-LCS Std               | WP112766  |

Intercept: -0.0006

Slope: 0.6515

Regression: 0.999968

| Seq | Lab ID | True Value (mg/L) | DF | Initial Volume (mL) | Final Volume (mL) | Absorbance Reading at 880nm | Result (mg/L) | %D  | AnalDate   | AnalTime |
|-----|--------|-------------------|----|---------------------|-------------------|-----------------------------|---------------|-----|------------|----------|
| 1   | CAL1   | 0.00              | 1  | 50                  | 50                | 0.000                       | 0.001         |     | 04/18/2025 | 10:05    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 0.052         | 4   | 04/18/2025 | 10:05    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.066                       | 0.102         | 2   | 04/18/2025 | 10:06    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.191                       | 0.294         | -2  | 04/18/2025 | 10:06    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.5           | 0   | 04/18/2025 | 10:06    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.652                       | 1.002         | 0.2 | 04/18/2025 | 10:07    |

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| Seq | Lab ID      | True Value (mg/l) | DF | Initial Volume (mL) | Final Volume (mL) | Absorbance Reading at 880nm | Result (mg/L) | AnalDate   | AnalTime |
|-----|-------------|-------------------|----|---------------------|-------------------|-----------------------------|---------------|------------|----------|
| 1   | ICV         | 0.50              | 1  | 50                  | 50                | 0.318                       | 0.489         | 04/18/2025 | 10:07    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.002                       | 0.004         | 04/18/2025 | 10:08    |
| 3   | CCV1        | 0.5               | 1  | 50                  | 50                | 0.336                       | 0.517         | 04/18/2025 | 10:08    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.001                       | 0.002         | 04/18/2025 | 10:09    |
| 5   | RL Check    | 0.01              | 1  | 50                  | 50                | 0.032                       | 0.050         | 04/18/2025 | 10:09    |
| 6   | LB135485BL  |                   | 1  | 50                  | 50                | 0.001                       | 0.002         | 04/18/2025 | 10:10    |
| 7   | LB135485BS  | 0.5               | 1  | 50                  | 50                | 0.314                       | 0.483         | 04/18/2025 | 10:10    |
| 8   | Q1835-01    |                   | 1  | 50                  | 50                | 0.012                       | 0.019         | 04/18/2025 | 10:11    |
| 9   | Q1835-01DUP |                   | 1  | 50                  | 50                | 0.011                       | 0.018         | 04/18/2025 | 10:11    |
| 10  | Q1835-01MS  | 0.5               | 1  | 50                  | 50                | 0.309                       | 0.475         | 04/18/2025 | 10:12    |
| 11  | Q1835-01MSD | 0.5               | 1  | 50                  | 50                | 0.316                       | 0.486         | 04/18/2025 | 10:12    |
| 12  | CCV2        | 0.5               | 1  | 50                  | 50                | 0.324                       | 0.498         | 04/18/2025 | 10:13    |
| 13  | CCB2        |                   | 1  | 50                  | 50                | 0.003                       | 0.006         | 04/18/2025 | 10:13    |

WORKLIST(Hardcopy Internal Chain)

LB135485

WorkList Name : ORTHO PH- 041825

WorkList ID : 189019

Department : Wet-Chemistry

Date : 04-18-2025 09:15:46

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method     |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------|--------------|------------|
| Q1835-01 | EFFLUENT        | Water  | Phosphorus-Ortho | Cool 4 deg C | HOLL01   | L31                         | 04/17/2025   | SM4500-P E |

Date/Time 04/18/25 09:25  
 Raw Sample Received by: 12(wc)  
 Raw Sample Relinquished by: JT(wc)

Date/Time 04/18/25 10:25  
 Raw Sample Received by: JT(wc)  
 Raw Sample Relinquished by: 12(wc)