

## Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Iwona

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136763

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm    | WP114236  |
| calibration std. phosphate 0.5 ppm  | WP114235  |
| calibration std. phosphate 0.3 ppm  | WP114234  |
| calibration std. phosphate 0.1 ppm  | WP114233  |
| calibration std. phosphate 0.05 ppm | WP114232  |
| calibration std. 0 ppm              | WP114231  |
| phosphate CCV std.                  | WP114239  |
| Combined reagent                    | WP114238  |
| Phosphate ICV-LCS Std               | WP114240  |
| Phosphate RL CHECK                  | WP114241  |

Intercept: -0.0039

Slope: 0.6562

Regression: 0.99966

| 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                       | 0.006         |      | 08/08/2025 | 16:25    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 0.056         | 12   | 08/08/2025 | 16:25    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.062                       | 0.1           | 0    | 08/08/2025 | 16:26    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.180                       | 0.28          | -6.7 | 08/08/2025 | 16:26    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.326                       | 0.503         | 0.6  | 08/08/2025 | 16:27    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.655                       | 1.004         | 0.4  | 08/08/2025 | 16:27    |

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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                | 0.321                       | 0.495         | 08/08/2025 | 16:28    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.002                       | 0.009         | 08/08/2025 | 16:28    |
| 3   | CCV1        | 0.5               | 1  | 50                  | 50                | 0.326                       | 0.503         | 08/08/2025 | 16:29    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.003                       | 0.011         | 08/08/2025 | 16:29    |
| 5   | RL Check    | 0.05              | 1  | 50                  | 50                | 0.028                       | 0.049         | 08/08/2025 | 16:30    |
| 6   | LB136763BL  |                   | 1  | 50                  | 50                | 0.001                       | 0.007         | 08/08/2025 | 16:30    |
| 7   | LB136763BS  | 0.5               | 1  | 50                  | 50                | 0.331                       | 0.510         | 08/08/2025 | 16:31    |
| 8   | Q2813-01    |                   | 1  | 50                  | 50                | 0.044                       | 0.073         | 08/08/2025 | 16:31    |
| 9   | Q2813-01DUP |                   | 1  | 50                  | 50                | 0.043                       | 0.071         | 08/08/2025 | 16:32    |
| 10  | Q2813-01MS  | 0.5               | 1  | 50                  | 50                | 0.351                       | 0.541         | 08/08/2025 | 16:32    |
| 11  | Q2813-01MSD | 0.5               | 1  | 50                  | 50                | 0.354                       | 0.545         | 08/08/2025 | 16:33    |
| 12  | CCV2        | 0.5               | 1  | 50                  | 50                | 0.318                       | 0.491         | 08/08/2025 | 16:33    |
| 13  | CCB2        |                   | 1  | 50                  | 50                | 0.003                       | 0.011         | 08/08/2025 | 16:34    |

# WORKLIST(Hardcopy Internal Chain)

LB 136763

WorkList Name : ORTHO P-080825

WorkList ID : 191184

Department : Wet-Chemistry

Date : 08-08-2025 15:45:18

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method     |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------|--------------|------------|
| Q2813-01 | EFFLUENT        | Water  | Phosphorus-Ortho | Cool 4 deg C | HOLL01   | J41                         | 08/08/2025   | SM4500-P E |

Date/Time 08/08/25 15:55  
 Raw Sample Received by: 12 (207)  
 Raw Sample Relinquished by: 28 (000)

Date/Time 08/08/25 16:40  
 Raw Sample Received by: 28 (000)  
 Raw Sample Relinquished by: 12 (207)