

## Analytical Summary Report

Analysis Method: SM4500-P E

ANALYST: Niha

Parameter: Phosphorus-Ortho

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133795

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm    | WP110997  |
| calibration std. phosphate 0.5 ppm  | WP110996  |
| calibration std. phosphate 0.3 ppm  | WP110995  |
| calibration std. phosphate 0.1 ppm  | WP110994  |
| calibration std. phosphate 0.05 ppm | WP110993  |
| calibration std. 0 ppm              | WP110992  |
| phosphate CCV std.                  | WP110999  |
| 5N sulfuric acid                    | WP110380  |
| Combined reagent                    | WP111001  |
| Phenolphthalein indicator           | WP108727  |
| Sodium hydroxide, 1N                | WP108662  |
| Phosphate ICV-LCS Std               | WP110998  |

Intercept: -0.0018

Slope: 0.6506

Regression: 0.999972

| 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                       | 0.003         |      | 12/06/2024 | 15:42    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.031                       | 0.05          | 0    | 12/06/2024 | 15:42    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.064                       | 0.101         | 1    | 12/06/2024 | 15:43    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.190                       | 0.295         | -1.7 | 12/06/2024 | 15:43    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.323                       | 0.499         | -0.2 | 12/06/2024 | 15:44    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.650                       | 1.002         | 0.2  | 12/06/2024 | 15:44    |

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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                | 0.324                       | 0.501         | 12/06/2024 | 15:45    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.000                       | 0.003         | 12/06/2024 | 15:45    |
| 3   | CCV1        | 0.5               | 1  | 50                  | 50                | 0.325                       | 0.502         | 12/09/2024 | 15:46    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.000                       | 0.003         | 12/06/2024 | 15:46    |
| 5   | RL Check    | 0.01              | 1  | 50                  | 50                | 0.032                       | 0.052         | 12/06/2024 | 15:47    |
| 6   | LB133795BL  |                   | 1  | 50                  | 50                | 0.000                       | 0.003         | 12/06/2024 | 15:47    |
| 7   | LB133795BS  | 0.5               | 1  | 50                  | 50                | 0.324                       | 0.501         | 12/06/2024 | 15:48    |
| 8   | P5146-01    |                   | 1  | 50                  | 50                | 0.025                       | 0.041         | 12/06/2024 | 15:48    |
| 9   | P5146-01DUP |                   | 1  | 50                  | 50                | 0.024                       | 0.040         | 12/06/2024 | 15:49    |
| 10  | P5146-01MS  | 0.5               | 1  | 50                  | 50                | 0.340                       | 0.525         | 12/06/2024 | 15:49    |
| 11  | P5146-01MSD | 0.5               | 1  | 50                  | 50                | 0.340                       | 0.525         | 12/06/2024 | 15:50    |
| 12  | CCV2        | 0.5               | 1  | 50                  | 50                | 0.324                       | 0.501         | 12/06/2024 | 15:50    |
| 13  | CCB2        |                   | 1  | 50                  | 50                | 0.000                       | 0.003         | 12/06/2024 | 15:51    |

WORKLIST(Hardcopy Internal Chain)

LB133795

WorkList Name : ORTHO-P-12062024

WorkList ID : 186052

Department : Wet-Chemistry

Date : 12-06-2024 08:31:41

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method     |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------|--------------|------------|
| P5146-01 | EFFLUENT        | Water  | Phosphorus-Ortho | Cool 4 deg C | HOLL01   | M11                         | 12/05/2024   | SM4500-P E |

Date/Time 12.06.2024, 13:00  
Raw Sample Received by: NF(wc)  
Raw Sample Relinquished by: JH WC

Date/Time 12.06.2024, 17:00  
Raw Sample Received by: JH WC  
Raw Sample Relinquished by: AF (wc)