

## Analytical Summary Report

Analysis Method: 365.3

ANALYST: Iwona

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120389

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm    | WP97007   |
| calibration std. phosphate 0.5 ppm  | WP97006   |
| calibration std. phosphate 0.3 ppm  | WP97005   |
| calibration std. phosphate 0.1 ppm  | WP97004   |
| calibration std. phosphate 0.05 ppm | WP97003   |
| calibration std. 0 ppm              | WP97002   |
| phosphate CCV std.                  | WP97008   |
| Combined reagent                    | WP97011   |
| Phenolphthalein indicator           | WP96861   |
| Sodium hydroxide, 1N                | WP95405   |
| Phosphate ICV-LCS Std               | WP97009   |

Intercept: -0.0016

Slope: 0.6526

Regression: 0.999964

| 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                       | 0.002         |      | 05/27/2022 | 13:20    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.032                       | 0.051         | -2   | 05/27/2022 | 13:20    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.064                       | 0.101         | -1   | 05/27/2022 | 13:21    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.190                       | 0.294         | 2    | 05/27/2022 | 13:21    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.5           | 0    | 05/27/2022 | 13:25    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.652                       | 1.002         | -0.2 | 05/27/2022 | 13:22    |



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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                | 0.325                       | 0.500         | 05/27/2022 | 13:23    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.002                       | 0.006         | 05/27/2022 | 13:23    |
| 3   | CCV1        | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.500         | 05/27/2022 | 13:24    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.002                       | 0.006         | 05/27/2022 | 13:24    |
| 5   | PB145172BL  |                   | 1  | 50                  | 50                | 0.003                       | 0.007         | 05/27/2022 | 13:25    |
| 6   | PB145172BS  | 0.50              | 1  | 50                  | 50                | 0.322                       | 0.496         | 05/27/2022 | 13:25    |
| 7   | N2946-01    |                   | 1  | 50                  | 50                | 0.278                       | 0.428         | 05/27/2022 | 13:26    |
| 8   | N2946-01DUP |                   | 1  | 50                  | 50                | 0.277                       | 0.427         | 05/27/2022 | 13:26    |
| 9   | N2946-01MS  | 0.50              | 1  | 50                  | 50                | 0.565                       | 0.868         | 05/27/2022 | 13:27    |
| 10  | N2946-01MSD | 0.50              | 1  | 50                  | 50                | 0.563                       | 0.865         | 05/27/2022 | 13:27    |
| 11  | N2946-03    |                   | 1  | 50                  | 50                | 0.339                       | 0.522         | 05/27/2022 | 13:28    |
| 12  | N2946-04    |                   | 1  | 50                  | 50                | 0.254                       | 0.392         | 05/27/2022 | 13:28    |
| 13  | N2946-05    |                   | 1  | 50                  | 50                | 0.280                       | 0.432         | 05/27/2022 | 13:29    |
| 14  | N2946-06    |                   | 1  | 50                  | 50                | 0.328                       | 0.505         | 05/27/2022 | 13:29    |
| 15  | CCV2        | 0.50              | 1  | 50                  | 50                | 0.328                       | 0.505         | 05/27/2022 | 13:30    |
| 16  | CCB2        |                   | 1  | 50                  | 50                | 0.001                       | 0.004         | 05/27/2022 | 13:30    |
| 17  | N2946-07    |                   | 1  | 50                  | 50                | 0.055                       | 0.087         | 05/27/2022 | 13:31    |
| 18  | N3046-01    |                   | 1  | 50                  | 50                | 0.611                       | 0.939         | 05/27/2022 | 13:31    |
| 19  | N3049-01    |                   | 1  | 50                  | 50                | 0.347                       | 0.534         | 05/27/2022 | 13:32    |
| 20  | CCV3        | 0.50              | 1  | 50                  | 50                | 0.327                       | 0.504         | 05/27/2022 | 13:32    |
| 21  | CCB3        |                   | 1  | 50                  | 50                | 0.002                       | 0.006         | 05/27/2022 | 13:33    |