

**Analytical Summary Report**Analysis Method: 365.3ANALYST: AMANDEEPParameter: Phosphorus-TotalSUPERVISOR REVIEW BY: apatelRun Number: LB103580

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| 5N sulfuric acid                    | WP74163   |
| calibration std. phosphate 1 ppm    | WP75711   |
| calibration std. phosphate 0.5 ppm  | WP75710   |
| calibration std. phosphate 0.3 ppm  | WP75709   |
| calibration std. 0 ppm              | WP75706   |
| phosphate ICV std.                  | WP75715   |
| phosphate CCV std.                  | WP75714   |
| calibration std. phosphate 0.1 ppm  | WP75708   |
| calibration std. phosphate 0.05 ppm | WP75707   |
| Combined reagent                    | WP75752   |
| 11 N sulfuric acid                  | WP71598   |
| Phenolphthalein indicator           | WP71599   |
| Sodium hydroxide, 1N                | WP71600   |

Intercept: -0.0007Slope: 0.6468Regression: 0.99984

| Seq | Lab ID | True Value (mg/L) | DF | Initial Volume (mL) | Final Volume (mL) | Absorbance Reading at 880nm | AnalDate   | AnalTime |
|-----|--------|-------------------|----|---------------------|-------------------|-----------------------------|------------|----------|
| 1   | CAL1   | 0.00              | 1  | 50                  | 50                | 0.000                       | 06/24/2019 | 11:46    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.032                       | 06/24/2019 | 11:47    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.065                       | 06/24/2019 | 11:48    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.186                       | 06/24/2019 | 11:48    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.329                       | 06/24/2019 | 11:49    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.645                       | 06/24/2019 | 11:49    |



## Analytical Summary Report

Analysis Method: 365.3

ANALYST: AMANDEEP

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: apatel

Run Number: LB103580

| 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                       | 0.493         | 06/24/2019 | 11:50    |
| 2   | ICB         |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 06/24/2019 | 11:51    |
| 3   | CCV1        | 0.50              | 1   | 50                  | 50                | 0.321                       | 0.497         | 06/24/2019 | 11:52    |
| 4   | CCB1        |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 06/24/2019 | 11:52    |
| 5   | PB120860BL  |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 06/24/2019 | 11:53    |
| 6   | PB120860BS  | 0.50              | 1   | 50                  | 50                | 0.335                       | 0.519         | 06/24/2019 | 11:54    |
| 7   | K3483-01    |                   | 1   | 50                  | 50                | 3.010                       | 4.655         | 06/24/2019 | 11:57    |
| 8   | K3483-01DUP |                   | 1   | 50                  | 50                | 2.968                       | 4.590         | 06/24/2019 | 11:58    |
| 9   | K3483-01MS  | 0.50              | 1   | 50                  | 50                | 3.043                       | 4.706         | 06/24/2019 | 11:59    |
| 10  | K3483-01MSD | 0.50              | 1   | 50                  | 50                | 3.055                       | 4.724         | 06/24/2019 | 11:59    |
| 11  | K3484-01    |                   | 1   | 50                  | 50                | 3.176                       | 4.911         | 06/24/2019 | 12:01    |
| 12  | K3483-01    |                   | 50  | 50                  | 50                | 0.487                       | 0.754         | 06/24/2019 | 12:11    |
| 13  | K3483-01DUP |                   | 50  | 50                  | 50                | 0.488                       | 0.756         | 06/24/2019 | 12:12    |
| 14  | K3483-01MS  | 0.50              | 50  | 50                  | 50                | 0.493                       | 0.763         | 06/24/2019 | 12:16    |
| 15  | CCV2        | 0.50              | 1   | 50                  | 50                | 0.320                       | 0.496         | 06/24/2019 | 12:16    |
| 16  | CCB2        |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 06/24/2019 | 12:17    |
| 17  | K3483-01MSD | 0.50              | 50  | 50                  | 50                | 0.492                       | 0.762         | 06/24/2019 | 12:18    |
| 18  | K3484-01    |                   | 100 | 50                  | 50                | 0.558                       | 0.864         | 06/24/2019 | 12:19    |
| 19  | CCV3        | 0.50              | 1   | 50                  | 50                | 0.325                       | 0.504         | 06/24/2019 | 12:20    |
| 20  | CCB3        |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 06/24/2019 | 12:21    |