

**Analytical Summary Report**Analysis Method: 365.3ANALYST: AMANDEEPParameter: Phosphorus-TotalSUPERVISOR REVIEW BY: apatelRun Number: LB104130

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| 5N sulfuric acid                    | WP76600   |
| calibration std. phosphate 1 ppm    | WP76567   |
| calibration std. phosphate 0.5 ppm  | WP76566   |
| calibration std. phosphate 0.3 ppm  | WP76565   |
| calibration std. 0 ppm              | WP76562   |
| phosphate ICV std.                  | WP76569   |
| phosphate CCV std.                  | WP76568   |
| calibration std. phosphate 0.1 ppm  | WP76564   |
| calibration std. phosphate 0.05 ppm | WP76563   |
| 11 N sulfuric acid                  | WP71598   |
| Phenolphthalein indicator           | WP71599   |
| Sodium hydroxide, 1N                | WP71600   |
| Combined reagent                    | WP76624   |
| Sodium hydroxide, 1N                | WP71600   |

Intercept: -0.0004Slope: 0.6478Regression: 0.999796

| 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                       | 07/22/2019 | 12:01    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 07/22/2019 | 12:02    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.065                       | 07/22/2019 | 12:02    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.186                       | 07/22/2019 | 12:03    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.331                       | 07/22/2019 | 12:03    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.646                       | 07/22/2019 | 12:03    |



## Analytical Summary Report

Analysis Method: 365.3

ANALYST: AMANDEEP

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: apatel

Run Number: LB104130

| 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                | 0.320                       | 0.495         | 07/22/2019 | 12:04    |
| 2   | ICB         |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 07/22/2019 | 12:05    |
| 3   | CCV1        | 0.50              | 1   | 50                  | 50                | 0.323                       | 0.499         | 07/22/2019 | 12:05    |
| 4   | CCB1        |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 07/22/2019 | 12:06    |
| 5   | PB121596BL  |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 07/22/2019 | 12:07    |
| 6   | PB121596BS  | 0.50              | 1   | 50                  | 50                | 0.317                       | 0.490         | 07/22/2019 | 12:07    |
| 7   | K3923-01    |                   | 1   | 50                  | 50                | 2.386                       | 3.684         | 07/22/2019 | 12:08    |
| 8   | K3923-01DUP |                   | 1   | 50                  | 50                | 2.389                       | 3.688         | 07/22/2019 | 12:08    |
| 9   | K3923-01MS  | 0.50              | 1   | 50                  | 50                | 2.606                       | 4.023         | 07/22/2019 | 12:09    |
| 10  | K3923-01MSD | 0.50              | 1   | 50                  | 50                | 2.610                       | 4.030         | 07/22/2019 | 12:09    |
| 11  | K3923-01    |                   | 100 | 50                  | 50                | 0.293                       | 0.453         | 07/22/2019 | 12:29    |
| 12  | K3923-01DUP |                   | 100 | 50                  | 50                | 0.292                       | 0.451         | 07/22/2019 | 12:30    |
| 13  | K3923-01MS  | 0.50              | 100 | 50                  | 50                | 0.294                       | 0.454         | 07/22/2019 | 12:30    |
| 14  | K3923-01MSD | 0.50              | 100 | 50                  | 50                | 0.295                       | 0.456         | 07/22/2019 | 12:31    |
| 15  | CCV2        | 0.50              | 1   | 50                  | 50                | 0.326                       | 0.504         | 07/22/2019 | 12:32    |
| 16  | CCB2        |                   | 1   | 50                  | 50                | 0.000                       | 0.001         | 07/22/2019 | 12:32    |