

**Analytical Summary Report**Analysis Method: 365.3ANALYST: AMANDEEPParameter: Phosphorus-TotalSUPERVISOR REVIEW BY: apatelRun Number: LB105562

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| 5N sulfuric acid                    | WP76600   |
| calibration std. phosphate 1 ppm    | WP78170   |
| calibration std. phosphate 0.5 ppm  | WP78169   |
| calibration std. phosphate 0.3 ppm  | WP78168   |
| calibration std. 0 ppm              | WP78165   |
| phosphate CCV std.                  | WP78707   |
| calibration std. phosphate 0.1 ppm  | WP78167   |
| calibration std. phosphate 0.05 ppm | WP78166   |
| Combined reagent                    | WP78705   |
| 11 N sulfuric acid                  | WP77312   |
| Phenolphthalein indicator           | WP77313   |
| Sodium hydroxide, 1N                | WP77314   |
| phosphate CCV std.                  | WP78707   |

Intercept: -0.0008Slope: 0.6496Regression: 0.999856

| 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                       | 10/08/2019 | 12:38    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 10/08/2019 | 12:39    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.066                       | 10/08/2019 | 12:39    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.186                       | 10/08/2019 | 12:40    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.328                       | 10/08/2019 | 12:41    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.649                       | 10/08/2019 | 12:42    |



## Analytical Summary Report

Analysis Method: 365.3

ANALYST: AMANDEEP

Parameter: Phosphorus-Total

SUPERVISOR REVIEW BY: apatel

Run Number: LB105562

| 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         | 10/08/2019 | 12:43    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 10/08/2019 | 12:43    |
| 3   | CCV1        | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.502         | 10/08/2019 | 12:44    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 10/08/2019 | 12:44    |
| 5   | PB123767BL  |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 10/08/2019 | 12:45    |
| 6   | PB123767BS  | 0.50              | 1  | 50                  | 50                | 0.319                       | 0.492         | 10/08/2019 | 12:48    |
| 7   | K5123-01    |                   | 1  | 50                  | 50                | 1.035                       | 1.595         | 10/08/2019 | 12:49    |
| 8   | K5123-01DUP |                   | 1  | 50                  | 50                | 1.083                       | 1.668         | 10/08/2019 | 12:50    |
| 9   | K5123-01MS  | 0.50              | 1  | 50                  | 50                | 1.101                       | 1.696         | 10/08/2019 | 12:50    |
| 10  | K5123-01MSD | 0.50              | 1  | 50                  | 50                | 1.104                       | 1.701         | 10/08/2019 | 12:51    |
| 11  | K5123-01    |                   | 10 | 50                  | 50                | 0.229                       | 0.354         | 10/08/2019 | 13:08    |
| 12  | K5123-01DUP |                   | 10 | 50                  | 50                | 0.237                       | 0.366         | 10/08/2019 | 13:09    |
| 13  | K5123-01MS  | 0.50              | 10 | 50                  | 50                | 0.269                       | 0.415         | 10/08/2019 | 13:10    |
| 14  | K5123-01MSD | 0.50              | 10 | 50                  | 50                | 0.262                       | 0.405         | 10/08/2019 | 13:10    |
| 15  | CCV2        | 0.50              | 1  | 50                  | 50                | 0.326                       | 0.503         | 10/08/2019 | 13:11    |
| 16  | CCB2        |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 10/08/2019 | 13:11    |