



## Analytical Summary Report

Analysis Method: 365.3

ANALYST: AMANDEEP

Parameter: Phosphorus, Total

SUPERVISOR REVIEW BY: apatel

Run Number: LB104566

BALANCE ID: WC SC-4

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| 5N sulfuric acid                    | WP76600   |
| calibration std. phosphate 1 ppm    | WP77291   |
| calibration std. phosphate 0.5 ppm  | WP77290   |
| calibration std. phosphate 0.3 ppm  | WP77289   |
| calibration std. 0 ppm              | WP77286   |
| phosphate ICV std.                  | WP77293   |
| phosphate CCV std.                  | WP77292   |
| calibration std. phosphate 0.1 ppm  | WP77288   |
| calibration std. phosphate 0.05 ppm | WP77287   |
| Combined reagent                    | WP77297   |
| 11 N sulfuric acid                  | WP77312   |
| Phenolphthalein indicator           | WP77313   |
| Sodium hydroxide, 1N                | WP77314   |

Intercept: -0.0008

Slope: 0.6492

Regression: 0.999845

| 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                       | 08/13/2019 | 12:05    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 08/13/2019 | 12:07    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.065                       | 08/13/2019 | 12:08    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.186                       | 08/13/2019 | 12:09    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.329                       | 08/13/2019 | 12:09    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.648                       | 08/13/2019 | 12:10    |



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Run Number: LB104566

BALANCE ID: WC SC-4

| 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                | 0.322                       | 0.497         | 08/13/2019 | 12:11    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 08/13/2019 | 12:11    |
| 3   | CCV1        | 0.50              | 1  | 50                  | 50                | 0.324                       | 0.500         | 08/13/2019 | 12:12    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 08/13/2019 | 12:12    |
| 5   | PB122225BL  |                   | 1  | 1.00                | 50                | 0.000                       | 0.001         | 08/13/2019 | 12:13    |
| 6   | PB122225BS  | 0.50              | 1  | 1.01                | 50                | 0.321                       | 0.496         | 08/13/2019 | 12:13    |
| 7   | K4270-01    |                   | 1  | 1.07                | 50                | 1.029                       | 1.586         | 08/13/2019 | 12:14    |
| 8   | K4270-02    |                   | 1  | 1.00                | 50                | 1.051                       | 1.620         | 08/13/2019 | 12:14    |
| 9   | K4270-03    |                   | 1  | 1.05                | 50                | 0.621                       | 0.958         | 08/13/2019 | 12:15    |
| 10  | K4270-04    |                   | 1  | 1.01                | 50                | 1.152                       | 1.776         | 08/13/2019 | 12:18    |
| 11  | K4270-04DUP |                   | 1  | 1.06                | 50                | 1.268                       | 1.954         | 08/13/2019 | 12:19    |
| 12  | K4270-04MS  | 0.50              | 1  | 1.05                | 50                | 1.020                       | 1.572         | 08/13/2019 | 12:19    |
| 13  | K4270-04MSD | 0.50              | 1  | 1.05                | 50                | 1.062                       | 1.637         | 08/13/2019 | 12:20    |
| 14  | K4270-01    |                   | 10 | 1.07                | 50                | 0.597                       | 0.921         | 08/13/2019 | 12:46    |
| 15  | CCV2        | 0.50              | 1  | 50                  | 50                | 0.323                       | 0.499         | 08/13/2019 | 12:47    |
| 16  | CCB2        |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 08/13/2019 | 12:47    |
| 17  | K4270-02    |                   | 10 | 1.00                | 50                | 0.552                       | 0.852         | 08/13/2019 | 12:48    |
| 18  | K4270-04    |                   | 20 | 1.01                | 50                | 0.359                       | 0.554         | 08/13/2019 | 12:48    |
| 19  | K4270-04DUP |                   | 20 | 1.06                | 50                | 0.362                       | 0.559         | 08/13/2019 | 12:49    |
| 20  | K4270-04MS  | 0.50              | 20 | 1.05                | 50                | 0.434                       | 0.670         | 08/13/2019 | 12:50    |
| 21  | K4270-04MSD | 0.50              | 20 | 1.05                | 50                | 0.430                       | 0.664         | 08/13/2019 | 12:51    |
| 22  | CCV3        | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.502         | 08/13/2019 | 12:52    |
| 23  | CCB3        |                   | 1  | 50                  | 50                | 0.000                       | 0.001         | 08/13/2019 | 12:52    |