

Analysis Method: 365.3  
Parameter: Phosphorus-Total  
Run Number: LB137100

ANALYST: Iwona  
SUPERVISOR REVIEW BY: JIGNESH

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm    | WP114614  |
| calibration std. phosphate 0.5 ppm  | WP114613  |
| calibration std. phosphate 0.3 ppm  | WP114612  |
| calibration std. phosphate 0.1 ppm  | WP114611  |
| calibration std. phosphate 0.05 ppm | WP114610  |
| calibration std. 0 ppm              | WP114609  |
| phosphate CCV std.                  | WP114615  |
| 5N sulfuric acid                    | WP112831  |
| Combined reagent                    | WP114622  |
| Phenolphthalein indicator           | WP113378  |
| Sodium hydroxide, 1N                | WP113878  |
| Phosphosphate LOQ std, 0.05PPM      | WP114619  |
| Phosphate ICV-LCS Std               | WP114616  |
| Phosphate LOD-MDL Std 0.025ppm      | WP114620  |

Intercept: -0.0029      Slope: 0.6521      Regression: 0.999803

| 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                       | 0.004         |     | 09/05/2025 | 12:45    |
| 2   | CAL2   | 0.05              | 1  | 50                  | 50                | 0.033                       | 0.055         | 10  | 09/05/2025 | 12:45    |
| 3   | CAL3   | 0.10              | 1  | 50                  | 50                | 0.062                       | 0.1           | 0   | 09/05/2025 | 12:46    |
| 4   | CAL4   | 0.30              | 1  | 50                  | 50                | 0.183                       | 0.285         | -5  | 09/05/2025 | 12:46    |
| 5   | CAL5   | 0.50              | 1  | 50                  | 50                | 0.325                       | 0.503         | 0.6 | 09/05/2025 | 12:47    |
| 6   | CAL6   | 1.00              | 1  | 50                  | 50                | 0.651                       | 1.003         | 0.3 | 09/05/2025 | 12:47    |

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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                | 0.329                       | 0.509         | 09/05/2025 | 12:48    |
| 2   | ICB         |                   | 1  | 50                  | 50                | 0.003                       | 0.009         | 09/05/2025 | 12:48    |
| 3   | CCV1        | 0.50              | 1  | 50                  | 50                | 0.324                       | 0.501         | 09/05/2025 | 12:49    |
| 4   | CCB1        |                   | 1  | 50                  | 50                | 0.001                       | 0.006         | 09/05/2025 | 12:49    |
| 5   | RL Check    | 0.05              | 1  | 50                  | 50                | 0.029                       | 0.049         | 09/05/2025 | 12:50    |
| 6   | PB169579BL  |                   | 1  | 50                  | 50                | 0.003                       | 0.009         | 09/05/2025 | 12:50    |
| 7   | PB169579BS  | 0.50              | 1  | 50                  | 50                | 0.327                       | 0.506         | 09/05/2025 | 12:51    |
| 8   | Q2893-07    |                   | 1  | 50                  | 50                | 0.016                       | 0.029         | 09/05/2025 | 12:51    |
| 9   | Q2893-08    |                   | 1  | 50                  | 50                | 0.036                       | 0.060         | 09/05/2025 | 12:52    |
| 10  | Q3028-01    |                   | 1  | 50                  | 50                | 0.038                       | 0.063         | 09/05/2025 | 12:52    |
| 11  | Q3028-01DUP |                   | 1  | 50                  | 50                | 0.038                       | 0.063         | 09/05/2025 | 12:53    |
| 12  | Q3028-01MS  | 0.50              | 1  | 50                  | 50                | 0.341                       | 0.527         | 09/05/2025 | 12:53    |
| 13  | Q3028-01MSD | 0.50              | 1  | 50                  | 50                | 0.340                       | 0.526         | 09/05/2025 | 12:54    |
| 14  | CCV2        | 0.50              | 1  | 50                  | 50                | 0.322                       | 0.498         | 09/05/2025 | 12:54    |
| 15  | CCB2        |                   | 1  | 50                  | 50                | 0.002                       | 0.008         | 09/05/2025 | 12:55    |