



Analytical Summary Report

Analysis Method: 365.3
Parameter: Phosphorus-Total
Run Number: LB114503

ANALYST: Alexander
SUPERVISOR REVIEW BY: apatel

| Reagent/Standard | Lot/Log # |
|-------------------------------------|-----------|
| calibration std. phosphate 1 ppm | WP91111 |
| calibration std. phosphate 0.5 ppm | WP91110 |
| calibration std. phosphate 0.3 ppm | WP91109 |
| calibration std. phosphate 0.1 ppm | WP91108 |
| calibration std. phosphate 0.05 ppm | WP91107 |
| calibration std. 0 ppm | WP91106 |
| phosphate CCV std. | WP91146 |
| 5N sulfuric acid | WP90754 |
| Combined reagent | WP91149 |
| Phenolphthalein indicator | WP90650 |
| Sodium hydroxide, 1N | WP89699 |
| Phosphate ICV-LCS Std | WP91147 |
| Phosphate LOD-MDL Std 0.025ppm | WP91151 |
| Phosphate LOQ std, 0.05PPM | WP91152 |

Intercept: 0.0019 Slope: 0.6325 Regression: 0.999956

| 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 | 0.001 | -0.001 | | 05/17/2021 | 15:09 |
| 2 | CAL2 | 0.05 | 1 | 50 | 50 | 0.035 | 0.052 | -4 | 05/17/2021 | 15:10 |
| 3 | CAL3 | 0.10 | 1 | 50 | 50 | 0.068 | 0.105 | -5 | 05/17/2021 | 15:10 |
| 4 | CAL4 | 0.30 | 1 | 50 | 50 | 0.189 | 0.296 | 1.3 | 05/17/2021 | 15:11 |
| 5 | CAL5 | 0.50 | 1 | 50 | 50 | 0.316 | 0.497 | 0.6 | 05/17/2021 | 15:12 |
| 6 | CAL6 | 1.00 | 1 | 50 | 50 | 0.636 | 1.003 | -0.3 | 05/17/2021 | 15:12 |



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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 | 0.322 | 0.506 | 05/17/2021 | 15:13 |
| 2 | ICB | | 1 | 50 | 50 | 0.002 | 0.000 | 05/17/2021 | 15:13 |
| 3 | CCV1 | 0.50 | 1 | 50 | 50 | 0.317 | 0.498 | 05/17/2021 | 15:14 |
| 4 | CCB1 | | 1 | 50 | 50 | 0.002 | 0.000 | 05/17/2021 | 15:14 |
| 5 | PB136485BL | | 1 | 50 | 50 | 0.003 | 0.002 | 05/17/2021 | 15:15 |
| 6 | PB136485BS | 0.50 | 1 | 50 | 50 | 0.330 | 0.519 | 05/17/2021 | 15:16 |
| 7 | M2262-07 | | 1 | 50 | 50 | 0.019 | 0.027 | 05/17/2021 | 15:16 |
| 8 | M2262-08 | | 1 | 50 | 50 | 0.037 | 0.055 | 05/17/2021 | 15:17 |
| 9 | M2414-01 | | 1 | 50 | 50 | 1.012 | 1.597 | 05/17/2021 | 15:17 |
| 10 | M2414-01DUP | | 1 | 50 | 50 | 1.055 | 1.665 | 05/17/2021 | 15:18 |
| 11 | M2414-01MS | 0.50 | 1 | 50 | 50 | 1.088 | 1.717 | 05/17/2021 | 15:18 |
| 12 | M2414-01MSD | 0.50 | 1 | 50 | 50 | 1.095 | 1.728 | 05/17/2021 | 15:19 |
| 13 | M2414-01 | | 5 | 50 | 50 | 0.566 | 0.892 | 05/17/2021 | 15:45 |
| 14 | M2414-01DUP | | 5 | 50 | 50 | 0.580 | 0.914 | 05/17/2021 | 15:46 |
| 15 | CCV2 | 0.50 | 1 | 50 | 50 | 0.319 | 0.501 | 05/17/2021 | 15:46 |
| 16 | CCB2 | | 1 | 50 | 50 | 0.002 | 0.000 | 05/17/2021 | 15:47 |
| 17 | M2414-01MS | 0.50 | 5 | 50 | 50 | 0.606 | 0.955 | 05/17/2021 | 15:48 |
| 18 | M2414-01MSD | 0.50 | 5 | 50 | 50 | 0.608 | 0.958 | 05/17/2021 | 15:49 |
| 19 | CCV3 | 0.50 | 1 | 50 | 50 | 0.318 | 0.500 | 05/17/2021 | 15:49 |
| 20 | CCB3 | | 1 | 50 | 50 | 0.002 | 0.000 | 05/17/2021 | 15:49 |