



## Analytical Summary Report

Analysis Method: ASTM D1067-11

Reviewed By: Alexander

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB113655

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

pH Meter ID: WC PH METER-1

| Reagent/Standard                        | Lot/Log # |
|-----------------------------------------|-----------|
| 0.02N NaOH FOR ACIDITY                  | WP90166   |
| Acidity LCSW -50 ppm                    | WP90165   |
| TEST PAPER, POT. IOD-STRCH, PK100, CS12 | W2011     |
| Hydrogen Peroxide, 30% 1 gal            | M4527     |

| Seq | LabID      | ClientID   | TV<br>(mg/L) | DL | Sample<br>Vol (mL) | Residual<br>Chlorine | Initial<br>pH | T1<br>(mL) | Adj<br>pH | T2<br>(mL) | End<br>Point<br>pH | Result<br>(mg/L) | Anal Date  | Anal<br>Time |
|-----|------------|------------|--------------|----|--------------------|----------------------|---------------|------------|-----------|------------|--------------------|------------------|------------|--------------|
| 1   | LB113655BL | LB113655BL |              | 1  | 50.00              | NEGATIVE             | 5.16          | 5.00       | 2.75      | 5.00       | 8.30               | 0.00             | 03/24/2021 | 16:20        |
| 2   | LB113655BS | LB113655BS | -50          | 1  | 50.00              | NEGATIVE             | 10.12         | 5.00       | 3.04      | 2.60       | 8.39               | -48.00           | 03/24/2021 | 16:28        |
| 3   | M1561-29   | PT-ACD-WP  |              | 1  | 50.00              | NEGATIVE             | 4.04          | 5.00       | 3.76      | 66.00      | 8.33               | 1,220.0          | 03/24/2021 | 16:40        |

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

Result = ((T2 \* Normality2) - (T1 \* Normality1)) \* Constant / Sample Vol