



## Analytical Summary Report

Analysis Method: SM2310 B

Reviewed By: AMANDEEP

Parameter: Acidity

Supervisor Review By: apatel

Run Number: LB97106

Constant: 50,000

Normality1 (T1): 0.02

Normality2 (T2): 0.02

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| Acidity LCSW -50 ppm                | WP66719   |
| Sodium Hydroxide, 0.0200 Normal, 1L | W2285     |
| SULFURIC ACID, 0.02N, 4L            | W2269     |
| Hydrogen Peroxide, 30% 1 gal        | M4192     |

| 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   | LB97106BL   | LB97106BL |              | 1  | 50.00              | NEGATIVE             | 4.58          | 5.00       | 2.83      | 5.00       | 8.21               | 0.00             | 08/03/2018 | 11:15        |
| 2   | LB97106BS   | LB97106BS | -50          | 1  | 50.00              | NEGATIVE             | 9.97          | 5.00       | 3.23      | 2.40       | 8.36               | -52.00           | 08/03/2018 | 11:28        |
| 3   | J4080-32    | 1560      |              | 1  | 50.00              | NEGATIVE             | 1.93          | 0.00       | 1.93      | 64.80      | 8.20               | 1,296.0          | 08/03/2018 | 11:52        |
| 4   | J4080-32DUP | 1560DUP   |              | 1  | 50.00              | NEGATIVE             | 1.94          | 0.00       | 1.94      | 65.20      | 8.27               | 1,304.0          | 08/03/2018 | 12:00        |

T1 = Titrant1 (H2SO4)

T2 = Titrant2 (NaOH)

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