

Analysis Method: SM4500-CL C

ANALYST: apatel

Parameter: Chloride

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB116098

Constant: 35450

Normality1: 0.0141

| Reagent/Standard                       | Lot/Log # |
|----------------------------------------|-----------|
| Indicator-acidifier reagent - Chloride | WP92555   |
| Chloride Blank                         | WP89990   |
| Chloride LCS std - 50ppm               | WP92754   |
| Mercury Nitrate 0.0141N                | WP92038   |

| Seq | Lab ID      | True Value (mg/L) | Dilution | Sample Volume (mL) | Titrant Initial (ml) | Titrant Final (ml) | Titrant Diff. (ml) | Result (mg/L) | Anal Date  | Anal Time |
|-----|-------------|-------------------|----------|--------------------|----------------------|--------------------|--------------------|---------------|------------|-----------|
| 1   | LB116098BL  |                   | 1        | 50                 | 0.00                 | 0.08               | 0.08               | 0.00          | 09/01/2021 | 09:15     |
| 2   | LB116098BS  | 50                | 1        | 20                 | 0.08                 | 2.20               | 2.12               | 50.98         | 09/01/2021 | 09:19     |
| 3   | M3610-01    |                   | 1        | 20                 | 2.20                 | 4.13               | 1.93               | 46.24         | 09/01/2021 | 09:25     |
| 4   | M3610-01DUP |                   | 1        | 20                 | 0.00                 | 1.96               | 1.96               | 46.99         | 09/01/2021 | 09:30     |
| 5   | M3610-01MS  | 50                | 1        | 20                 | 0.00                 | 3.92               | 3.92               | 95.97         | 09/01/2021 | 09:36     |
| 6   | M3610-01MSD | 50                | 1        | 20                 | 0.00                 | 3.90               | 3.90               | 95.47         | 09/01/2021 | 09:42     |
| 7   | M3610-02    |                   | 1        | 20                 | 0.00                 | 2.21               | 2.21               | 53.23         | 09/01/2021 | 09:49     |

Titrant Diff = TitrantFinal - TitrantInitial

Result = (Titrant Diff - Row Blank Value \* Normality)) \* Constant /

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : CI-090121      WorkList ID : 151933      Department : Wet-Chemistry      Date : 09-01-2021 09:10:41

| Due Date   | Matrix | Sample   | Test     | Preservative | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method      |
|------------|--------|----------|----------|--------------|----------|-----------------------------|-----------------|--------------|-------------|
| 09/03/2021 | Water  | M3610-01 | Chloride | Cool 4 deg C | DIST01   | D11                         | YORK-ST-MH-1    | 08/31/2021   | SM4500-CL C |
| 09/03/2021 | Water  | M3610-02 | Chloride | Cool 4 deg C | DIST01   | D11                         | YORK-ST-MH-2    | 08/31/2021   | SM4500-CL C |

Date/Time      9/1/21      9:11  
Raw Sample Received by:      AD (w/c)  
Raw Sample Relinquished by:      JP (w/c)

Date/Time      9/1/21      9:40  
Raw Sample Received by:      JP (w/c)  
Raw Sample Relinquished by:      AD (w/c)