

Analysis Method: SM4500-CL C

ANALYST: apatel

Parameter: Chloride

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB115564

Constant: 35450

Normality1: 0.1410

| Reagent/Standard                                      | Lot/Log # |
|-------------------------------------------------------|-----------|
| HNO3 0.1N for Chloride                                | WP92041   |
| Chloride LCS Std - 500ppm                             | WP92235   |
| Mixed indicator reagent for Chloride more than 100ppm | WP92040   |
| Mercuric Nitrate, 0.141 N, 500ml                      | W2791     |

| 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   | LB115564BL  |                   | 1        | 50                 | 0.00                 | 0.04               | 0.04               | 0.00          | 07/27/2021 | 15:30     |
| 2   | LB115564BS  | 500               | 1        | 20                 | 0.04                 | 2.05               | 2.01               | 492.35        | 07/27/2021 | 15:35     |
| 3   | M3132-01    |                   | 1        | 20                 | 2.05                 | 4.34               | 2.29               | 562.33        | 07/27/2021 | 15:41     |
| 4   | M3132-01DUP |                   | 1        | 20                 | 0.00                 | 2.32               | 2.32               | 569.82        | 07/27/2021 | 15:48     |
| 5   | M3132-01MS  | 500               | 1        | 20                 | 0.00                 | 4.16               | 4.16               | 1029.68       | 07/27/2021 | 15:55     |
| 6   | M3132-01MSD | 500               | 1        | 20                 | 0.00                 | 4.19               | 4.19               | 1037.18       | 07/27/2021 | 15:59     |

Titrant Diff = TitrantFinal - TitrantInitial

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

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Chloride-072721      WorkList ID : 150951      Department : Wet-Chemistry      Date : 07-27-2021 15:11:29

| Due Date   | Matrix | Sample   | Test     | Preservative | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method      |
|------------|--------|----------|----------|--------------|----------|-----------------------------|-----------------|--------------|-------------|
| 08/03/2021 | Water  | M3132-01 | Chloride | Cool 4 deg C | DIST01   | L11                         | 55-ST-32        | 07/21/2021   | SM4500-CL C |

Date/Time 07/27/21 15:15  
Raw Sample Received by: AF (WCL)  
Raw Sample Relinquished by: CP SM

Date/Time 07/27/21 15:45  
Raw Sample Received by: CP SM  
Raw Sample Relinquished by: AF (WCL)