

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB122894

Constant: 35450

Normality1: 0.1410

| Reagent/Standard                                      | Lot/Log # |
|-------------------------------------------------------|-----------|
| HNO3 0.1N for Chloride                                | WP98184   |
| Chloride LCS Std - 500ppm                             | WP99891   |
| Mixed indicator reagent for Chloride more than 100ppm | WP99892   |
| Mercuric Nitrate, 0.141 N, 500ml                      | W2909     |

| 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   | LB122894BL  |                   | 1        | 50                 | 0.00                 | 0.02               | 0.02               | 0.00          | 11/15/2022 | 11:30     |
| 2   | LB122894BS  | 500               | 1        | 20                 | 0.02                 | 1.98               | 1.96               | 484.85        | 11/15/2022 | 11:33     |
| 3   | N5534-01    |                   | 1        | 50                 | 1.98                 | 3.06               | 1.08               | 105.97        | 11/15/2022 | 11:36     |
| 4   | N5564-01    |                   | 1        | 50                 | 3.08                 | 5.44               | 2.36               | 233.93        | 11/15/2022 | 11:40     |
| 5   | N5564-02    |                   | 1        | 50                 | 5.44                 | 7.04               | 1.60               | 157.95        | 11/15/2022 | 11:43     |
| 6   | N5564-02DUP |                   | 1        | 50                 | 7.04                 | 8.65               | 1.61               | 158.95        | 11/15/2022 | 11:46     |
| 7   | N5564-02MS  | 500               | 1        | 20                 | 8.65                 | 11.22              | 2.57               | 637.30        | 11/15/2022 | 11:50     |
| 8   | N5564-02MSD | 500               | 1        | 20                 | 11.22                | 13.80              | 2.58               | 639.80        | 11/15/2022 | 11:56     |

Titrant Diff = TitrantFinal - TitrantInitial

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