

Analysis Method: SM4500-CL C

ANALYST: Aparna

Parameter: Chloride

SUPERVISOR REVIEW BY: apatel

Run Number: LB97434

Constant: 35450

Normality1: 0.0141

| Reagent/Standard                       | Lot/Log # |
|----------------------------------------|-----------|
| Chloride LCS std, 100PPM               | WP67185   |
| Indicator-acidifier reagent - Chloride | WP66467   |
| Chloride Blank                         | WP66468   |
| MERCURIC NITRATE, 0.0141 N 4L          | W2051     |

| 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   | LB97434BL   |                   | 1        | 50                 | 0.00                 | 0.16               | 0.16               | 0.00          | 08/21/2018 | 10:00     |
| 2   | LB97434BS   | 100               | 1        | 10                 | 0.16                 | 2.22               | 2.06               | 94.97         | 08/21/2018 | 10:02     |
| 3   | J4555-07    |                   | 1        | 5                  | 2.22                 | 3.40               | 1.18               | 101.97        | 08/21/2018 | 10:04     |
| 4   | J4555-07DUP |                   | 1        | 5                  | 3.40                 | 4.60               | 1.20               | 103.97        | 08/21/2018 | 10:06     |
| 5   | J4555-07MS  | 100               | 1        | 5                  | 4.60                 | 6.66               | 2.06               | 189.94        | 08/21/2018 | 10:08     |
| 6   | J4555-07MSD | 100               | 1        | 5                  | 6.66                 | 8.72               | 2.06               | 189.94        | 08/21/2018 | 10:10     |

Titrant Diff = TitrantFinal - TitrantInitial

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