

Analysis Method: SM4500-CL CANALYST: AMANDEEPParameter: ChlorideSUPERVISOR REVIEW BY: apatelRun Number: LB96141Constant: 35450Normality1: 0.0141

| Reagent/Standard                       | Lot/Log # |
|--|-----------|
| Chloride LCS std, 100PPM               | WP65461   |
| Indicator-acidifier reagent - Chloride | WP64737   |
| MERCURIC NITRATE, 0.0141 N 4L          | W2051     |
| Chloride Blank                         | WP61081   |

| 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   | LB96141BL   |                   | 1        | 50                 | 0.10                 | 0.26               | 0.16               | 0.00          | 06/20/2018 | 09:17     |
| 2   | LB96141BS   | 100               | 1        | 10                 | 0.26                 | 2.40               | 2.14               | 98.97         | 06/20/2018 | 09:19     |
| 3   | J3503-01    |                   | 1        | 2                  | 2.40                 | 3.22               | 0.82               | 164.95        | 06/20/2018 | 09:22     |
| 4   | J3503-01DUP |                   | 1        | 2                  | 6.16                 | 7.10               | 0.94               | 194.94        | 06/20/2018 | 09:25     |
| 5   | J3503-01MS  | 100               | 1        | 2                  | 0.00                 | 1.20               | 1.20               | 259.92        | 06/20/2018 | 09:27     |
| 6   | J3503-01MSD | 100               | 1        | 2                  | 1.20                 | 2.42               | 1.22               | 264.92        | 06/20/2018 | 09:30     |
| 7   | J3503-02    |                   | 1        | 2                  | 3.22                 | 4.52               | 1.30               | 284.91        | 06/20/2018 | 09:33     |
| 8   | J3503-03    |                   | 1        | 50                 | 4.96                 | 6.16               | 1.20               | 10.40         | 06/20/2018 | 09:36     |

$$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$$
$$\text{Result} = (\text{Titrant Diff} - \text{Row Blank Value} * \text{Normality}) * \text{Constant} /$$