

Analysis Method: SM4500-CL C

ANALYST: Iwona

Parameter: Chloride

SUPERVISOR REVIEW BY: jignesh

Run Number: LB124440

Constant: 35450

Normality1: 0.0141

| Reagent/Standard | Lot/Log # |
|--|-----------|
| Indicator-acidifier reagent - Chloride | WP101416 |
| Chloride Blank | WP99584 |
| CL LOD, 2.5PPM | WP101418 |
| Chloride LCS std - 50ppm | WP101417 |
| CL LOQ std 5ppm | WP101419 |
| MERCURIC NITRATE, 0.0141 N 4L | W2902 |

| 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 | LB124440BL | | 1 | 50 | 0.00 | 0.08 | 0.08 | 0.00 | 03/10/2023 | 09:20 |
| 2 | LB124440BS | 50 | 1 | 20 | 0.00 | 2.02 | 2.02 | 48.48 | 03/10/2023 | 09:23 |
| 3 | O1627-07 | | 1 | 50 | 0.00 | 0.35 | 0.35 | 2.70 | 03/10/2023 | 09:26 |
| 4 | O1627-08 | | 1 | 50 | 0.00 | 0.62 | 0.62 | 5.40 | 03/10/2023 | 09:30 |

$$\text{Titrant Diff} = \text{TitrantFinal} - \text{TitrantInitial}$$

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