



39103 Warren Road  
 Westland, MI 48185  
 1.734.884.4773 Chempurebrand.com

## CERTIFICATE OF ANALYSIS

|   |   |
|---|---|
| <i>Product:</i> <b>Water, Deionized, ASTM Type I &amp; II</b> | <i>Date of Manufacture:</i> 3/27/26                   |
|   | <i>Expiration Date:</i> October 2027                  |
| <i>Intended Use:</i> General Laboratory Reagent/Chemical.     | <i>Recommended Storage:</i> 15 to 25 °C (59 to 77 °F) |
| <i>Product Code:</i> CP-E0204C, CP-C0012P                     | <i>Lot Number:</i> <b>8603537</b>                     |
| <i>CAS Number:</i> 7732-18-5                                  | <i>Country of Origin:</i> United States of America    |

| Test   | Specification    | Result           |
|--|------------------|------------------|
| Appearance                                     | Clear, colorless | Clear, colorless |
| Chloride (Cl)                                  | <= 5.00 ppb      | <5.00ppb         |
| Conductivity at 25°C                           | <= 1.00 µS/cm    | 0.05µS/cm        |
| Heavy Metals (as Pb)                           | <= 0.01 ppm      | <0.01ppm         |
| Nitrate (NO <sub>3</sub> )                     | <= 400.00 ppb    | <400.00ppb       |
| Organic Carbon (TOC)                           | <= 50 ppb        | 2ppb             |
| Oxidizable Substances (Permanganate Retention) | To Pass Test     | Passes           |
| Phosphate (PO <sub>4</sub> )                   | <= 1,000.00 ppb  | <1,000.00ppb     |
| Silica (SiO <sub>2</sub> )                     | <= 3.0 ppb       | <3.0ppb          |
| Sodium (Na)                                    | <= 5.00 ppb      | <5.00ppb         |
| Sulfate (SO <sub>4</sub> )                     | <= 1,000.00 ppb  | <1,000.00ppb     |

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Quality Control, Certifying Officer

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials\*\*Contents of Certificates and Labels".