

Certificate of Analysis

Electrode Cleaning Solution, for Removal of Membrane/Junction Protein Deposits

Lot Number: 1403F29

Product Number: 2794

Manufacture Date: MAR 07, 2024

Expiration Date: FEB 2025

The following is a recommended pH electrode cleaning strategy: (1.) For general cleaning, soak electrodes in 0.1 Normal (Molar) Hydrochloric Acid (RICCA CHEMICAL COMPANY Cat. No. 3600) or in 0.1 Normal (Molar) Nitric Acid (RICCA CHEMICAL COMPANY Cat. No. 5400) for approximately half an hour. (2.) For removal of protein deposits, soak electrodes in this Electrode Cleaning Solution (RICCA CHEMICAL COMPANY Cat. No. 2794) for approximately 15 minutes. (3.) For removal of inorganic (scale) deposits, soak electrodes in 0.1 Molar Disodium EDTA Solution (RICCA CHEMICAL COMPANY Cat. No. 2730) for approximately 15 minutes. (4.) For removal of grease and oil (organic) deposits, rinse electrodes with mild detergent or Methanol.

| Name | CAS# | Grade |
|-------------------|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Hydrochloric Acid | 7647-01-0 | ACS |
| Pepsin A | 9001-75-6 | Reagent |
| Butylparaben | 94-26-8 | NF |

| Test | Specification | Result |
|------------|--------------------|--------|
| Appearance | Pale yellow liquid | Passed |

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.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|-------------|---------------------|---------------------------------|
| 2794-16 | 500 mL natural poly | 12 months |
| 2794-32 | 1 L natural poly | 12 months |

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Heidi J Green (03/07/2024)

Operations Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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