

# Certificate of Analysis

**EDTA Titrant, 0.100 Molar (M/10)  
for Magnesium Testing**

Lot Number: 2404H86

Product Number: 2740

Manufacture Date: APR 23, 2024

Expiration Date: APR 2026

| Name  | CAS#      | Grade           |
|---|-----------|-----------------|
| Water   | 7732-18-5 | ACS/ASTM/USP/EP |
| Ethylenediaminetetraacetic Acid (EDTA),<br>Disodium Salt, Dihydrate | 6381-92-6 | ACS             |

| Test   | Specification       | Result       | NIST SRM# |
|--|---------------------|--------------|-----------|
| Appearance                                       | Colorless liquid    | Passed       |           |
| Assay (vs. Calcium Carbonate/Eriochrome Black T) | 0.0999-0.1001 Molar | 0.1000 Molar | 915       |

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) |
|-------------|---------------------|---------------------------------|
| 2740-1      | 4 L natural poly    | 24 months                       |
| 2740-32     | 1 L natural poly    | 24 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)Jose Pena (04/23/2024)  
Operations Manager

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