

# Certificate of Analysis

**Lactic Acid, 10% (v/v)****Lot Number:** 2405B13**Product Number:** 4270**Manufacture Date:** APR 30, 2024**Expiration Date:** APR 2026

| Name        | CAS#      | Grade           |
|-------------|-----------|-----------------|
| Water       | 7732-18-5 | ACS/ASTM/USP/EP |
| Lactic Acid | 50-21-5   | ACS             |

| Test             | Specification                              | Result |
|------------------|--|--------|
| Appearance       | Clear, colorless to slightly yellow liquid | Passed |
| Refractive Index | To Pass Test                               | 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) |
|-------------|---------------------|---------------------------------|
| 4270-1      | 4 L natural poly    | 24 months                       |
| 4270-16     | 500 mL natural poly | 24 months                       |

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

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