

Certificate of Analysis

Reagent Alcohol (Denatured Alcohol), 70% (v/v)**Lot Number:** 4404G49**Product Number:** 2546.70**Manufacture Date:** APR 17, 2024**Expiration Date:** NOV 2026

The concentration of this solution is calculated based on the result of the specific gravity at 20 °C.

| Name | CAS# | Grade |
|-------------------|-----------|---------|
| Ethyl Alcohol | 64-17-5 | Reagent |
| Water | 7732-18-5 | Reagent |
| Isopropyl Alcohol | 67-63-0 | Reagent |
| Methyl Alcohol | 67-56-1 | Reagent |

| Test | Specification | Result |
|--------------------------|------------------|------------|
| Acidity (as Acetic Acid) | max 0.0025 | < 0.0025 % |
| Appearance | Colorless liquid | Passed |
| Assay | 68-72 % (v/v) | 72 % (v/v) |
| Color (APHA) | 0-10 | 10 |
| Specific Gravity at 20°C | 0.880-0.890 | 0.881 |

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) |
|-------------|-------------------------|---------------------------------|
| 2546.70-1SC | 4 L safety-coated glass | 36 months |

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

Paul Brandon (04/17/2024)

Production Manager

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