

# Certificate of Analysis

**Methyl Purple Indicator, in dilute IPA (15% v/v)**

**Lot Number:** 2311D85

**Product Number:** 5041

**Manufacture Date:** NOV 03, 2023

**Expiration Date:** OCT 2025

| Name                    | CAS#        | Grade           |
|-------------------------|-------------|-----------------|
| Water                   | 7732-18-5   | ACS/ASTM/USP/EP |
| Isopropyl Alcohol       | 67-63-0     | ACS             |
| Methyl Red, Sodium Salt | 845-10-3    | ACS             |
| Blue Dye                | Proprietary |                 |

| Test                | Specification                                                | Result |
|---------------------|--------------------------------------------------------------|--------|
| Appearance          | Dark green liquid                                            | Passed |
| Suitability for Use | Purple (pH 4.8) - Green (pH 5.4),<br>with Gray warning color | 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) |
|-------------|---------------------|---------------------------------|
| 5041-16     | 500 mL amber glass  | 24 months                       |

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



Sharon Travers (11/03/2023)

Operations Manager

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

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