

Certificate of Analysis

Methylene Blue, 1% (w/v) in Denatured Alcohol

Lot Number: 4410J51

Product Number: 4864

Manufacture Date: OCT 14, 2024

Expiration Date: SEP 2026

| Name | CAS# | Grade |
|---------------------------|-----------|-----------|
| Ethyl Alcohol | 64-17-5 | Reagent |
| Methyl Alcohol | 67-56-1 | Reagent |
| Methylene Blue Trihydrate | 7220-79-3 | Certified |

| Test | Specification | Result |
|---------------------|---------------|--------|
| Appearance | Blue liquid | Passed |
| UV/Visible Spectrum | 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) |
|-------------|---------------------|---------------------------------|
| 4864-16 | 500 mL natural poly | 24 months |
| 4864-4 | 120 mL natural poly | 24 months |

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



 Paul Brandon (10/14/2024)
 Production Manager

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