

# Product Specification

## Methylene Blue Reagent, for Surfactant Analysis

Lot Number: SAMPLE

Product Number: 4900

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate, Monobasic Monohydrate	10049-21-5	ACS
Methylene Blue Trihydrate	7220-79-3	Certified
Sulfuric Acid	7664-93-9	ACS

Test	Specification	Result
Appearance	Dark blue liquid	N/A

Specification	Reference
Methylene Blue Reagent	APHA (5540 C)
Methylene Blue Reagent	EPA (425.1)
Methylene Blue Solution (30 mg/L)	ASTM (D 2330)

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)
4900-32	1 L natural poly	18 months
4900-5HP	20 L Ropak™	18 months
4900-16	500 mL natural poly	18 months

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

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