

Certificate of Analysis

Water Hardness Indicator, 0.5% (w/v) Eriochrome Black T in 2-Methoxyethanol

Lot Number: 4402M51

Product Number: 9300

Manufacture Date: FEB 23, 2024

Expiration Date: NOV 2024

Name	CAS#	Grade
Ethylene Glycol Monomethyl Ether	109-86-4	ACS
Eriochrome Black T	1787-61-7	ACS

Test	Specification	Result
Appearance	Dark purple liquid	Passed
Suitability for Use	Wine Red (excess Ca or Mg) - Pure Blue (excess EDTA)	Passed

Specification	Reference
Eriochrome Black T Indicator	APHA (2340 C)
Eriochrome Black T Indicator	EPA (215.2)
Eriochrome Black T Indicator	EPA (130.2)

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)
9300-16	500 mL amber glass	9 months
9300-32	1 L amber glass	9 months
9300-4	120 mL amber glass	9 months

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

Paul Brandon (02/23/2024)

Production Manager

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

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