

Certificate of Analysis

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

Lot Number: 1407C77

Product Number: 9300

Manufacture Date: JUL 10, 2024

Expiration Date: MAR 2025

| 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) 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 |
| 9300-4 | 120 mL amber glass | 9 months |

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



 Heidi J Green (07/10/2024)
 Operations Manager

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