

Certificate of Analysis

Ehrlich Aldehyde Reagent, Alcoholic, for Indole Test

Lot Number: 1402A65**Product Number:** 2790**Manufacture Date:** FEB 08, 2024**Expiration Date:** JAN 2026

For In Vitro Diagnostic Use. Suitable for use in the detection of Indole-producing bacteria in cultures. May be suitable for other laboratory applications.

Recommended Procedure: Inoculate the medium [sterilized 1% (w/v) Tryptophan Broth] from a pure culture. Incubate at $36 \pm 1^\circ\text{C}$ for 24 hours. Add 1 mL of Xylene and shake vigorously. Allow to stand for 1 - 2 minutes until layers separate. Add 0.5 mL of this Ehrlich Aldehyde Reagent down the side of the tube. This reagent will form a layer between the broth and xylene layers. If Indole is present, a red ring will develop just below the Xylene layer. All negative tests should be repeated for confirmation on separate 48-hour incubated broth cultures.

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Methyl Alcohol	67-56-1	Reagent
p-Dimethylaminobenzaldehyde	100-10-7	ACS

Test	Specification	Result
Appearance	Pale yellow liquid	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)
2790-16	500 mL amber glass	24 months
2790-4	120 mL amber glass	24 months

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

Heidi J Green (02/08/2024)

Operations Manager

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

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