

# Certificate of Analysis

## Eosin Y Stain, 1% (w/v) Alcoholic Stock Solution

**Lot Number:** 1401H71**Product Number:** 2850**Manufacture Date:** JAN 23, 2024**Expiration Date:** JAN 2026

For In Vitro Diagnostic Use. May be suitable for other laboratory applications.

Eosin Y is one of the most valuable plasma stains known. It is used in various techniques for staining eosinophilic granules of cells. This stock solution is used full strength in some staining procedures. In other methods, Acetic Acid, Water, or other reagents are added immediately before use. For use in typical Hematoxylin and Eosin (H&E) staining procedures, 250 mL of this stock solution is diluted with 750 mL of 80% (v/v) Ethanol, and 0.5 mL Glacial Acetic Acid added immediately before use. A typical H&E staining procedure may be found in RICCA CHEMICAL COMPANY Technical Reference Document TRD06.

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Methyl Alcohol	67-56-1	Reagent
Eosin Y	17372-87-1	Certified

Test	Specification	Result
Appearance	Murky green 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)
2850-16	500 mL natural poly	24 months
2850-32	1 L natural poly	24 months

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

Heidi J Green (01/23/2024)

Operations Manager

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.