

# Certificate of Analysis

## Eosinophil Stain, Eosin Y-Methylene Blue, for Mucous Secretions

**Lot Number:** 1402A58

**Product Number:** 3470

**Manufacture Date:** FEB 09, 2024

**Expiration Date:** JAN 2026

For In Vitro Diagnostic Use. This solution is suitable for staining eosinophils in nasal smears. Recommended procedure: Prepare smears of nasal secretions on new, scrupulously clean slides in the usual manner. Air dry at room temperature. Fix by dipping the slide in methanol for a few seconds. Flood the slide with stain and wait 30 seconds (allow more time for thicker smears). Add an equal volume of water to stain and wait an additional 30 seconds. Pour off stain and rinse slide with distilled water. Flood the slide with methanol, drain, and air dry. Do not leave the methanol on for more than 5 seconds, as this may remove the blue stain from neutrophils, making them difficult to differentiate from eosinophils. Eosinophils stain bright red, while neutrophils and the background stain blue.

Name	CAS#	Grade
Methyl Alcohol	67-56-1	ACS
Methylene Blue Trihydrate	7220-79-3	Certified
Eosin Y	17372-87-1	Certified

Test	Specification	Result
Appearance	Dark blue 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)
3470-32	1 L amber glass	24 months

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



Heidi J Green (02/09/2024)

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.