

Certificate of Analysis

Eosin Y Stain, 0.25% (w/v) in 57% (v/v) Alcohol, Acidified Working Solution

Lot Number: 1404F29

Product Number: 2845

Manufacture Date: JAN 10, 2024

Expiration Date: MAR 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 ready to use working solution has been diluted and acidified and is suitable for use in typical Hematoxylin and Eosin (H&E) staining procedures without further dilution or acidification. A typical H&E staining procedure may be found in RICCA CHEMICAL COMPANY Technical Reference Document TRD06.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Methyl Alcohol	67-56-1	Reagent
Isopropyl Alcohol	67-63-0	ACS
Methyl Isobutyl Ketone	108-10-1	ACS
Eosin Y	17372-87-1	Certified
Acetic Acid	64-19-7	ACS
Ethyl Alcohol	64-17-5	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Orange-red liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	4.63-4.67	4.66	185i, 186-I-g, 186-II-g
Specific Gravity	0.902-0.915 at 25°C	0.915 at 25°C	
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)
2845-32	1 L natural poly	24 months

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



Heidi J Green (01/10/2024)

Operations Manager

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

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