

Certificate of Analysis

Scott's Bluing Reagent (Scott's Tapwater Substitute), Bluing Agent for Nuclear Hematoxylin Stain

Lot Number: 4403S82**Product Number:** 6697**Manufacture Date:** MAR 29, 2024**Expiration Date:** MAR 2026

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

This product is suitable for use as a bluing reagent in regressive or progressive Papanicolaou staining or Hematoxylin and Eosin (H&E) staining. Alum Hematoxylin solutions, such as Harris Hematoxylin, have a very low pH, causing the Hematoxylin stain to have a reddish color rather than the desired blue color. After staining with Hematoxylin, slides must be blued by rinsing with a slightly alkaline solution such as this Scotts Bluing Reagent. Consult RICCA CHEMICAL COMPANY Technical Reference Documents TRD06 and TRD07 for typical staining procedures. Other staining procedures using this reagent may be found in standard clinical laboratory texts and operating procedures.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Bicarbonate	144-55-8	ACS
Methyl Alcohol	67-56-1	ACS
Formaldehyde	50-00-0	ACS
Magnesium Sulfate Heptahydrate	10034-99-8	ACS

Test	Specification	Result
Appearance	Colorless 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)
6697-1	4 L natural poly	24 months
6697-32	1 L natural poly	24 months

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

Paul Brandon (03/29/2024)

Production Manager

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

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