

# Certificate of Analysis

## Hematoxylin Stain Solution, Modified Harris Formulation, Mercury Free Nuclear Stain for General Histology and Cytology

**Lot Number:** 1403H60

**Product Number:** 3530

**Manufacture Date:** MAR 19, 2024

**Expiration Date:** MAR 2025

For In Vitro Diagnostic Use.

This product is Mercury-free and is suitable for use in various regressive and progressive Papanicolaou and Hematoxylin and Eosin (H&amp;E) staining procedures. Consult RICCA CHEMICAL COMPANY Technical Reference Documents TRD06 and TRD07 for typical staining procedures. Other staining procedures using this Hematoxylin stain may be found in standard clinical laboratory texts and operating procedures.

Filtration is usually required before use.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Aluminum Ammonium Sulfate Dodecahydrate	7784-26-1	USP
Ethyl Alcohol	64-17-5	Reagent
Hematoxylin	517-28-2	Certified
Methyl Alcohol	67-56-1	Reagent
Potassium Iodate	7758-05-6	ACS

Test	Specification	Result
Appearance	Dark purple liquid	Passed
Specific Gravity	1.020-1.024 at 25°C	1.021 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)
3530-1	4 L amber glass	12 months
3530-16	500 mL amber glass	12 months
3530-32	1 L amber glass	12 months

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



Heidi J Green (03/19/2024)

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.