

# Certificate of Analysis

## Gentian Violet, Hucker Formulation, for Gram Staining

**Lot Number:** 1404D06

**Product Number:** 3240

**Manufacture Date:** APR 01, 2024

**Expiration Date:** MAR 2026

For In Vitro Diagnostic Use. This product is certified suitable for use in Gram staining. A recommended procedure is available in RICCA CHEMICAL COMPANY Technical Reference Document TRD05. This product may also be suitable for use in other methods.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ethyl Alcohol	64-17-5	Reagent
Gentian Violet	548-62-9	Certified
Ammonium Oxalate	6009-70-7	ACS
Methyl Alcohol	67-56-1	Reagent

Test	Specification	Result
Appearance	Dark blue-purple liquid	Passed
UV/Visible Spectrum	To Pass Test	Passed

Specification	Reference
Ammonium Oxalate-Crystal Violet (Hucker's)	EPA (SW-846) (9131)
Ammonium Oxalate-Crystal Violet Solution	ASTM (D 932)
Ammonium Oxalate-Crystal Violet (Hucker's)	ASTM (D 5916)

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)
3240-4	120 mL natural poly	24 months

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



Heidi J Green (04/01/2024)

Operations Manager

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

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