

Certificate of Analysis

Diphenylamine Solution R

Lot Number: 1402B27

Product Number: 2583

Manufacture Date: FEB 12, 2024

Expiration Date: FEB 2025

Exposure to air or oxidizers may cause this solution to become oxidized. Keep the container tightly closed between uses and discard this solution if it develops a blue color.

Name	CAS#	Grade
Sulfuric Acid	7664-93-9	ACS
Water	7732-18-5	ACS
Diphenylamine	122-39-4	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed
Suitability for Use	Blue in the presence of Nitrate	Passed

Specification	Reference
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Diphenylamine Solution R

EP (1032101)

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)
2583-4	120 mL amber glass	12 months

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



Heidi J Green (02/12/2024)

Operations Manager

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

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