

Certificate of Analysis

Amine-Sulfuric Acid Reagent, for Sulfide Determination (Methylene Blue Method)

Lot Number: 4402J38

Product Number: 610

Manufacture Date: FEB 14, 2024

Expiration Date: FEB 2025

Certified to develop a pink color at first and then to become colorless within 3 minutes after testing of a Sulfide-free sample using this A.P.H.A. test method.

Name	CAS#	Grade
Sulfuric Acid	7664-93-9	ACS
Water	7732-18-5	ACS/ASTM/USP/EP
N,N-Dimethyl-p-Phenylenediamine Oxalate	62778-12-5	Purified

Test	Specification	Result
Appearance	Pale yellow to brownish liquid	Passed
Suitability for Use	Pink to Clear, colorless when Sulfide free	Passed

Specification	Reference
Amine-Sulfuric Acid Reagent	APHA (4500-S2- D)
Amino-Sulfuric Acid Reagent	EPA (376.2)

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)
610-16	500 mL safety-coated glass	12 months
610-32	1 L safety-coated glass	12 months

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



Paul Brandon (02/14/2024)

Production Manager

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

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