

Certificate of Analysis

Aminonaphtholsulfonic Acid Solution Reducing Agent for Silica

Lot Number: 2402E54

Product Number: 609.2

Manufacture Date: FEB 15, 2024

Expiration Date: FEB 2025

Discard this reagent when the solution becomes dark. Refrigerate to prolong shelf life. If freezing occurs during shipment, crystals may form. If crystals are present, allow to come to room temperature. Do not heat.
 Per ASTM, allow this solution to warm to room temperature before use.

| Name | CAS# | Grade |
|------------------------------------|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Sodium Bisulfite | 7631-90-5 | ACS |
| Sodium Sulfite | 7757-83-7 | ACS |
| 1-Amino-2-Naphthol-4-Sulfonic Acid | 116-63-2 | ACS |

| Test | Specification | Result |
|------------|--------------------------------------|--------|
| Appearance | Colorless to slightly colored liquid | Passed |

| Specification | Reference |
|---------------------------------------|---------------------------------|
| Reducing Agent | APHA (4500-SiO ₂ -D) |
| Amino-Naphthol-Sulfonic Acid Solution | ASTM (D 859) |

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) |
|-------------|---------------------|---------------------------------|
| 609.2-16 | 500 mL amber poly | 12 months |
| 609.2-32 | 1 L amber poly | 12 months |

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



Jose Pena (02/15/2024)

Operations Manager

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

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