

Product Specification

Matrix Modifier, 5% (w/v) Ammonium Nitrate in 2% (v/v) HNO₃

Lot Number: SAMPLE

Product Number: MMAN5N

Manufacture Date: N/A

Expiration Date: N/A

Suitable for use as a matrix modifier in Atomic Absorption analysis.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ammonium Nitrate	6484-52-2	High Purity
Nitric Acid	7697-37-2	Trace Metals

Test	Specification	Result
Appearance	Colorless liquid	N/A

Specification	Reference
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Matrix Modifier, Ammonium Nitrate, 5% (w/v)

EPA (200.9)

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)
MMAN5N-50	50 mL natural poly	24 months

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

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

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