

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-04 12:03:13

Date of Next Testing: 2029-03-03 12:03:13

Product Name: **4-Aminomorpholine**

CAS Number: 4319-49-7

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: C2501092

SKU #: **A151029**

Version **0**

Analysis #: **158419**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.057-1.06	1.05900
Refractive index n ₂₀ /D	1.475-1.48	1.47810
Purity(GC)	98-100 (%)	98.03100 %
Appearance (A151029)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager