

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-11 09:21:24  
Date of Next Testing: 2030-04-10 09:21:24  
Product Name: **N-Methyl morpholine**  
CAS Number: 109-02-4  
Specifications & Purity: Distillation grade,  $\geq 99.5\%$   
Lot #: D2602181  
SKU #: **M104643**  
Version: **2**  
Analysis #: **666972**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.434-1.437	1.43540
Water by Karl Fischer	0-0.5 (%)	0.03910 %
Purity(GC)	99.5-100 (%)	99.71200 %
Appearance (M104643)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager