



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-27 11:11:45

Date of Next Testing: 2026-12-17 11:11:45

Product Name: **N-Methyl morpholine**

CAS Number: 109-02-4

Specifications & Purity: CP, ≥98%

Lot #: L2417282

SKU #: **M104641**

Version: **0**

Analysis #: **455076**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.05800 %
Sulfate(SO42-)	0-0.05 (%)	0.01200 %
Refractive index n20/D	1.433-1.437	1.43560
Assay	98-100 (%)	99.78200 %
Density (20°C)	0.917-0.922	0.92000
Ignition Residue (as sulfate)	0-0.01 (%)	0.00000 %
Solubility in EtOH , clear,50mg/ml	pass	Pass

John Su
QA & QC Manager