

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-21 19:13:44

Date of Next Testing: 2027-04-20 19:13:44

Product Name: **N-Methyl morpholine**

CAS Number: 109-02-4

Specifications & Purity: $\geq 99\%$ (GC)

Lot #: D23181245

SKU # **M104642**

Version **0**

Analysis #: **214503**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.917-0.922	0.91900
Water by Karl Fischer	0-0.5 (%)	0.08780 %
Refractive index n _{20/D}	1.433-1.437	1.43550
Purity(GC)	99-100 (%)	99.85500 %
Appearance (M104642)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager