

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-30 17:43:43
Date of Next Testing: 2024-11-19 17:43:43
Product Name: **N-Methyl morpholine**
CAS Number: 109-02-4
Specifications & Purity: reagent grade,98%
Lot #: K2228284
SKU #: **M104641**
Analysis: 161811
Storage Temperature: Protected from light,Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.05 %
Sulfate(SO42-)	0-0.05 (%)	0.03 %
Refractive index n20/D	1.433-1.437	1.44
Assay	98-100 (%)	98.52 %
Density (20°C)	0.917-0.922	0.92
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su
QA & QC Manager