

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 14:46:25

Date of Next Testing: 2029-09-08 14:46:25

Product Name: **N-Ethylmorpholine**

CAS Number: 100-74-3

Specifications & Purity: $\geq 99\%$

Lot #: I2501155

SKU # **E104658**

Version **0**

Analysis #: 574142

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.30000 %
Density (20°C)	0.913-0.916	0.91350
Refractive index n ₂₀ /D	1.439-1.442	1.44100
Water by Karl Fischer	0-0.3 (%)	0.17000 %
Appearance (E104658)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager