

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 15:37:50

Date of Next Testing: 2026-01-24 15:37:50

Product Name: **N-Ethylmorpholine**

CAS Number: 100-74-3

Specifications & Purity: 99%

Lot #: C1809078

SKU #: **E104658****Analysis: 070208**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.65%
Density (20°C)	0.913-0.916	0.92
Refractive index n ₂₀ /D	1.439-1.442	1.44
Water by Karl Fischer	0-0.3 (%)	0.18%
Appearance (E104658)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager