

Certificate of Analysis

Date of Testing: 2024-07-04 10:53:39

Date of Next Testing: 2028-07-03 10:53:39

Product Name: **N-Ethylmorpholine**

CAS Number: 100-74-3

Specifications & Purity: 99%

Lot #: D1817068

SKU #: **E104658**

Version: **0**

Analysis #: **380528**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.30%
Density (20°C)	0.913-0.916	0.91
Refractive index n ₂₀ /D	1.439-1.442	1.44
Water by Karl Fischer	0-0.3 (%)	0.17%
Appearance (E104658)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager