

Certificate of Analysis

Date of Testing: 2023-04-15 16:48:51
Date of Next Testing: 2027-04-14 16:48:51
Product Name: **N-Ethylmorpholine**
CAS Number: 100-74-3
Specifications & Purity: 99%
Lot #: D2310328
SKU #: **E104658**
Analysis: **135056**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.64%
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 (%)	0.16%
Appearance (E104658)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager