

Certificate of Analysis

Date of Testing: 2023-07-20 18:30:12

Date of Next Testing: 2027-07-19 18:30:12

Product Name: **N-Ethylmorpholine**

CAS Number: 100-74-3

Specifications & Purity: 99%

Lot #: G2318489

SKU #: **E104658**

Analysis: 254190

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