

Certificate of Analysis

Date of Testing: 2023-04-04 18:51:12

Date of Next Testing: 2027-04-03 18:51:12

Product Name: **N,N'-Diethylethylenediamine**

CAS Number: 111-74-0

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: C2325723

SKU #: **N159359**

Version: **0**

Analysis #: **181328**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.43-1.436	1.43
Purity(GC)	95-100 (%)	99.32 %
Density (20°C)	0.806-0.816	0.81
Appearance (N159359)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager