

Certificate of Analysis

Date of Testing: 2023-04-06 20:05:29

Date of Next Testing: 2027-04-05 20:05:29

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

CAS Number: 100-36-7

Specifications & Purity: 98%

Lot #: C23311632

SKU #: **D105350**

Analysis: **186304**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.817-0.821	0.82
Purity(Neutralization titration)	97.5-102.5 (%)	99.60%
Purity(GC)	98-100 (%)	98.29%
Refractive index n ₂₀ /D	1.433-1.437	1.44
Water by Karl Fischer	0-1 (%)	0.94 %
Appearance (D105350)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager