

Certificate of Analysis

Date of Testing: 2022-03-04 15:16:39

Date of Next Testing: 2026-03-03 15:16:39

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

CAS Number: 100-36-7

Specifications & Purity: 98%

Lot #: C2202266

SKU #: **D105350**

Analysis: **053530**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.817-0.821	0.82
Purity(Neutralization titration)	97.5-102.5 (%)	99.50%
Purity(GC)	98-100 (%)	98.99%
Refractive index n ₂₀ /D	1.433-1.437	1.44
Water by Karl Fischer	0-1 (%)	0.65 %
Appearance (D105350)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager