

Certificate of Analysis

Date of Testing: 2025-09-15 15:29:46

Date of Next Testing: 2029-09-14 15:29:46

Product Name: **N,N'-Dimethyl-1,3-propanediamine**

CAS Number: 111-33-1

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: L2101497

SKU # **D124206**

Version **0**

Analysis #: **572475**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.06 %
Purity(NonaqueousTitration)	96.5-103.5 (%)	98.52 %
Refractive index n ₂₀ /D	1.437-1.441	1.44
Density (20°C)	0.829-0.833	0.83
Appearance (D124206)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager