

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-20 11:13:01

Date of Next Testing: 2029-06-19 11:13:01

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

CAS Number: 111-33-1

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

Lot #: K1708010

SKU #: **D124206**

Version: **0**

Analysis #: **527710**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.50 %
Purity(NonaqueousTitration)	96.5-103.5 (%)	98.30 %
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

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

John Su
QA & QC Manager