

Certificate of Analysis

Date of Testing: 2024-10-12 13:15:11
Date of Next Testing: 2026-10-02 13:15:11
Product Name: **N-N-Dimethylacetamide**
CAS Number: 127-19-5
Specifications & Purity: AR, ≥99%
Lot #: J2408101
SKU #: **D108096**
Version: **1**
Analysis #: **418894**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.02 %
Free acid	0-0.001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.85 %
Acidity(as H ⁺)	0-0.0033 (mmol/g)	0.00 mmol/g
Density (20°C)	0.9385-0.942	0.94
Appearance (D108096)	Colorless liquid	Colorless liquid
Boiling range,165-167°C (95%)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Miscibility	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager