

## Certificate of Analysis

Date of Testing: 2024-05-22 14:47:00  
Date of Next Testing: 2026-05-12 14:47:00  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: E2416193  
SKU #: **D108096**  
Version: **1**  
Analysis #: **361039**

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 %
Density (20°C)	0.9385-0.942	0.94
Purity(GC)	99-100 (%)	99.90 %
Acidity(as H+)	0-0.0033 (mmol/g)	0.00 mmol/g
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