

## Certificate of Analysis

Date of Testing: 2024-10-31 14:59:07  
Date of Next Testing: 2026-10-21 14:59:07  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: AR, ≥99%  
Lot #: J2424292  
SKU #: **D108096**  
Version: **1**  
Analysis #: **429485**

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 <sup>+</sup> )	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



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QA & QC Manager