

## Certificate of Analysis

Date of Testing: 2023-04-17 18:12:49  
Date of Next Testing: 2025-04-06 18:12:49  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: D23141157  
SKU #: **D108096**  
Analysis: **213120**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.05 (%)	0.01%
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 (%)	99.84%
Acidity(as H <sup>+</sup> )	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