

## Certificate of Analysis

Date of Testing: 2023-12-20 09:48:55  
Date of Next Testing: 2027-12-19 09:48:55  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: spectrographic grade,  $\geq 99.8\%$ (GC)  
Lot #: L2314257  
SKU #: **D108099**  
Analysis: **307018**

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.83 %
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 320nm	0-0.03	0.02
UV Absorbance 310nm	0-0.05	0.03
Evaporation Residue	0-0.001 (%)	0.00 %
UV Absorbance 360nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.47
UV Absorbance 280nm	0-0.3	0.13
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 290nm	0-0.15	0.07
Appearance (D108099)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
$\lambda$ , H2O reference	Pass	Pass



John Su  
QA & QC Manager