

## Certificate of Analysis

Date of Testing: 2023-05-08 17:25:51  
Date of Next Testing: 2027-05-07 17:25:51  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: spectrographic grade, ≥99.8%(GC)  
Lot #: E2305307  
SKU #: **D108099**  
Analysis: **219424**

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.87 %
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 320nm	0-0.03	0.01
UV Absorbance 310nm	0-0.05	0.02
Evaporation Residue	0-0.001 (%)	0.00 %
UV Absorbance 360nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.48
UV Absorbance 280nm	0-0.3	0.14
Water by Karl Fischer	0-0.05 (%)	0.03 %
UV Absorbance 290nm	0-0.15	0.08
Appearance (D108099)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
λ, H2O reference	Pass	Pass



John Su  
QA & QC Manager