

## Certificate of Analysis

Date of Testing: 2024-07-15 11:40:51  
Date of Next Testing: 2028-07-14 11:40:51  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: spectrographic grade,  $\geq 99.8\%$ (GC)  
Lot #: G2410161  
SKU #: **D108099**  
Version: **0**  
Analysis #: **388677**

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.80 %
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 320nm	0-0.03	0.01
UV Absorbance 310nm	0-0.05	0.01
Evaporation Residue	0-0.001 (%)	0.00 %
UV Absorbance 360nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.55
UV Absorbance 280nm	0-0.3	0.10
Water by Karl Fischer	0-0.05 (%)	0.03 %
UV Absorbance 290nm	0-0.15	0.04
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