

## Certificate of Analysis

Date of Testing: 2024-09-09 16:28:41  
Date of Next Testing: 2028-09-08 16:28:41  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: for HPLC,  $\geq 99.8\%$ (GC)  
Lot #: H2429054  
SKU #: **D108095**  
Version: **0**  
Analysis #: **392578**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 310nm	0-0.05	0.02
UV Absorbance 320nm	0-0.03	0.02
Purity(GC)	99.8-100 (%)	99.81%
Density (20°C)	0.941-0.944	0.94
Evaporation Residue	0-0.001 (%)	0.00%
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 360nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.51
UV Absorbance 280nm	0-0.3	0.10
UV Absorbance 290nm	0-0.15	0.05
Water by Karl Fischer	0-0.03 (%)	0.02%
Appearance (D108095)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager