

## Certificate of Analysis

Date of Testing: 2024-08-06 17:29:16  
Date of Next Testing: 2028-08-05 17:29:16  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: for HPLC,  $\geq 99.8\%$ (GC)  
Lot #: H2401096  
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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager