

## Certificate of Analysis

Date of Testing: 2023-11-17 09:09:38  
 Date of Next Testing: 2027-11-16 09:09:38  
 Product Name: **N-N-Dimethylacetamide**  
 CAS Number: 127-19-5  
 Specifications & Purity: for HPLC,  $\geq 99.8\%$ (GC)  
 Lot #: K2313099  
 SKU #: **D108095**  
**Analysis:** **291715**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 310nm	0-0.05	0.03
UV Absorbance 320nm	0-0.03	0.02
Purity(GC)	99.8-100 (%)	99.91%
Density (20°C)	0.941-0.944	0.94
Evaporation Residue	0-0.001 (%)	0.00%
UV Absorbance 400nm	0-0.01	0.01
UV Absorbance 360nm	0-0.01	0.01
UV Absorbance 270nm	0-1	0.53
UV Absorbance 280nm	0-0.3	0.13
UV Absorbance 290nm	0-0.15	0.07
Water by Karl Fischer	0-0.03 (%)	0.01%
Appearance (D108095)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager