

Certificate of Analysis

Date of Testing: 2022-10-22 16:57:28
Date of Next Testing: 2026-10-21 16:57:28
Product Name: **N-N-Dimethylacetamide**
CAS Number: 127-19-5
Specifications & Purity: for HPLC, $\geq 99.8\%$ (GC)
Lot #: J2219179
SKU #: **D108095**
Analysis: 143092
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 (%)	99.84%
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	0.52
UV Absorbance 280nm	0-0.3	0.14
UV Absorbance 290nm	0-0.15	0.09
Water by Karl Fischer	0-0.03 (%)	0.01%
Density (20°C)	0.941-0.944	0.94
Appearance (D108095)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager