

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-07 13:14:47  
Date of Next Testing: 2028-11-06 13:14:47  
Product Name: **N-N-Dimethylacetamide**  
CAS Number: 127-19-5  
Specifications & Purity: PureSpectra™, Spectrum pure, ≥99.8%(GC)  
Lot #: J2424286  
SKU #: **D108099**  
Version: **0**  
Analysis #: **428853**

| Parameter             | Limit Values          | Result                |
|-----------------------|-----------------------|-----------------------|
| Purity(GC)            | 99.8-100 (%)          | 99.85 %               |
| UV Absorbance 400nm   | 0-0.01                | 0.00                  |
| UV Absorbance 320nm   | 0-0.03                | 0.02                  |
| UV Absorbance 310nm   | 0-0.05                | 0.04                  |
| Evaporation Residue   | 0-0.001 (%)           | 0.00 %                |
| UV Absorbance 360nm   | 0-0.01                | 0.00                  |
| UV Absorbance 270nm   | 0-1                   | 0.62                  |
| UV Absorbance 280nm   | 0-0.3                 | 0.17                  |
| Water by Karl Fischer | 0-0.05 (%)            | 0.02 %                |
| UV Absorbance 290nm   | 0-0.15                | 0.09                  |
| Appearance (D108099)  | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum     | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum   | Conforms to Structure | Conforms to Structure |
| λ, H2O reference      | Pass                  | Pass                  |



John Su  
QA & QC Manager