

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-20 18:35:53  
 Date of Next Testing: 2029-08-19 18:35:53  
 Product Name: **N-N-Dimethylacetamide (DMAC)**  
 CAS Number: 127-19-5  
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.8%(GC)  
 Lot #: H2515209  
 SKU #: **D108095**  
 Version: **0**  
 Analysis #: **552164**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter              | Limit Values          | Result                |
|------------------------|-----------------------|-----------------------|
| UV Absorbance 310nm    | 0-0.05                | 0.04100               |
| UV Absorbance 320nm    | 0-0.03                | 0.02600               |
| Purity(GC)             | 99.8-100 (%)          | 99.88000 %            |
| Density (20°C)         | 0.941-0.944           | 0.94140               |
| Evaporation Residue    | 0-0.001 (%)           | 0.00000 %             |
| UV Absorbance 400nm    | 0-0.01                | 0.00200               |
| UV Absorbance 360nm    | 0-0.01                | 0.00500               |
| Absorbance (at 270 nm) | 0-1                   | 0.98500               |
| UV Absorbance 280nm    | 0-0.3                 | 0.28100               |
| Absorbance (at 290 nm) | 0-0.15                | 0.10200               |
| Water by Karl Fischer  | 0-0.03 (%)            | 0.02160 %             |
| Appearance (D108095)   | Colorless liquid      | Colorless liquid      |
| Infrared spectrum      | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum    | Conforms to Structure | Conforms to Structure |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager