

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-30 13:31:44

Date of Next Testing: 2027-12-20 13:31:44

Product Name: **N-N-Dimethylacetamide(DMAC)**

CAS Number: 127-19-5

Specifications & Purity: AR, ≥99%

Lot #: L2525195

SKU #: **D108096**

Version: **1**

Analysis #: **631138**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer          | 0-0.05 (%)            | 0.00840 %             |
| Free acid                      | 0-0.001 (%)           | 0.00000 %             |
| Ignition Residue (as sulfate)  | 0-0.005 (%)           | 0.00000 %             |
| Density (20°C)                 | 0.9385-0.942          | 0.94200               |
| Purity(GC)                     | 99-100 (%)            | 99.80000 %            |
| Acidity(as H+)                 | 0-0.0033 (mmol/g)     | 0.00000 mmol/g        |
| Appearance (D108096)           | Colorless liquid      | Colorless liquid      |
| Boiling range, 165-167°C (95%) | Conforms              | Conforms              |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |
| Miscibility                    | pass                  | Pass                  |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager