

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-02 17:43:53
Date of Next Testing: 2025-07-22 17:43:53
Product Name: **N-N-Dimethylacetamide**
CAS Number: 127-19-5
Specifications & Purity: Analytical Reagent,99.0%
Lot #: G2328095
SKU #: **D108096**
Analysis: **258938**

| Parameter | Limit Values | Result |
|-------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.05 (%) | 0.03% |
| Free acid | 0-0.001 (%) | 0.00% |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00% |
| Purity(GC) | 99-100 (%) | 99.86% |
| Acidity(as H ⁺) | 0-0.0033 (mmol/g) | 0.00 mmol/g |
| Density (20°C) | 0.9385-0.942 | 0.94 |
| 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