

Certificate of Analysis

Date of Testing: 2024-10-12 15:41:25
Date of Next Testing: 2026-10-02 15:41:25
Product Name: **N-N-Dimethylacetamide**
CAS Number: 127-19-5
Specifications & Purity: AR, ≥99%
Lot #: J2408102
SKU #: **D108096**
Version: **1**
Analysis #: **418894**

| Parameter | Limit Values | Result |
|-------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.05 (%) | 0.02 % |
| Free acid | 0-0.001 (%) | 0.00 % |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00 % |
| Purity(GC) | 99-100 (%) | 99.85 % |
| 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