

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-22 11:32:32
Date of Next Testing: 2026-07-12 11:32:32
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: suitable for HPLC, $\geq 99.9\%$
Lot #: G2419350
SKU #: **D112002**
Version: **0**
Analysis #: **391425**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43 |
| UV Absorbance 275nm | 0-0.3 | 0.21 |
| UV Absorbance 310nm | 0-0.05 | 0.02 |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| Purity(GC) | 99.9-100 (%) | 99.93% |
| UV Absorbance 270nm | 0-1 | 0.55 |
| UV Absorbance 340nm | 0-0.01 | 0.00 |
| Water by Karl Fischer | 0-0.03 (%) | 0.01% |
| Evaporation Residue | 0-0.0005 (%) | 0.00% |
| UV Absorbance 295nm | 0-0.1 | 0.06 |
| Appearance (D112002) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager