

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2022-07-12 09:58:31  
Date of Next Testing: 2026-07-11 09:58:31  
Product Name: **N,N-Dimethylformamide**  
CAS Number: 68-12-2  
Specifications & Purity: for pesticide residue analysis, ≥99.9%  
Lot #: F2228205  
SKU #: **D112003**  
Analysis: **103757**

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer              | 0-0.05 (%)            | 0.01580 %             |
| Non-volatile matter                | 0-0.001 (%)           | 0.00092 %             |
| GC/ECD                             | 0-3                   | 2.32000               |
| suitability for residue analysis   | 0-5 (ng/L)            | 3.99000 ng/L          |
| Refractive index n <sub>20/D</sub> | 1.428-1.432           | 1.43060               |
| Purity(GC)                         | 99.9-100 (%)          | 99.94700 %            |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager