

## Certificate of Analysis

Date of Testing: 2022-10-21 14:37:45  
Date of Next Testing: 2024-10-10 14:37:45  
Product Name: **N,N-Dimethylformamide**  
CAS Number: 68-12-2  
Specifications & Purity: Molecular biology level, ≥99.9%  
Lot #: A2119089  
SKU #: **D112009**  
Analysis: **146947**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43
Purity(GC)	99.9-100 (%)	99.91 %
Water by Karl Fischer	0-0.5 (%)	0.28 %
Appearance (D112009)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability	pass	Pass



John Su  
QA & QC Manager