

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-07 12:04:28  
Date of Next Testing: 2027-04-27 12:04:28  
Product Name: **N,N-Dimethylformamide (DMF)**  
CAS Number: 68-12-2  
Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%  
Lot #: H2520146  
SKU #: **D112002**  
Version: **1**  
Analysis #: **490944**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43060
UV Absorbance 275nm	0-0.3	0.20900
UV Absorbance 310nm	0-0.05	0.03500
UV Absorbance 400nm	0-0.01	0.00000
Absorbance (at 270 nm)	0-1	0.48700
UV Absorbance 340nm	0-0.01	0.00300
Water by Karl Fischer	0-0.03 (%)	0.02900 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.07900
Purity(GC)	99.9-100 (%)	99.90100 %
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager