

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-23 17:32:40  
Date of Next Testing: 2028-01-13 17:32:40  
Product Name: **N,N-Dimethylformamide (DMF)**  
CAS Number: 68-12-2  
Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%  
Lot #: L2505326  
SKU #: **D112002**  
Version: **1**  
Analysis #: **647026**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.96100 %
Refractive index n <sub>20/D</sub>	1.428-1.432	1.43050
UV Absorbance 275nm	0-0.3	0.18100
UV Absorbance 310nm	0-0.05	0.02200
UV Absorbance 400nm	0-0.01	0.00000
Absorbance (at 270 nm)	0-1	0.45600
UV Absorbance 340nm	0-0.01	0.00400
Water by Karl Fischer	0-0.03 (%)	0.00460 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.05400
UV Absorbance 280nm	<0.15	0.12000
UV Absorbance 300nm	<0.08	0.04100
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager