

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 13:42:57

Date of Next Testing: 2029-08-18 13:42:57

Product Name: **N,N-Dimethylformamide (DMF)**

CAS Number: 68-12-2

Specifications & Purity: BioReagent, ≥99.9%

Lot #: H2514241

SKU #: **D112007**

Version: **2**

Analysis #: **536777**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Free Amines (as Dimethylamine)	0-8 (ppm)	2.10000 ppm
UV Absorbance 310nm	0-0.05	0.03300
UV Absorbance 295nm	0-0.1	0.07100
UV Absorbance 400nm	0-0.01	0.00000
Refractive index n ₂₀ /D	1.428-1.432	1.43060
Water by Karl Fischer	0-0.05 (%)	0.03130 %
UV Absorbance 340nm	0-0.01	0.00500
Absorbance (at 270 nm)	0-1	0.73400
Purity(GC)	99.9-100 (%)	99.97900 %
Evaporation Residue	0-0.0005 (mg/L)	0.00000 mg/L
Titration Base	0-0.003 (meq/g)	0.00270 meq/g
UV Absorbance 275nm	0-0.3	0.30000
Titration Acid	0-0.0005 (meq/g)	0.00050 meq/g
Appearance (D112007)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager