

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-08-19 15:22:54
Date of Next Testing:	2029-08-18 15:22:54
Product Name:	N,N-Dimethylformamide (DMF)
CAS Number:	68-12-2
Specifications & Purity:	BioReagent, ≥99.9%
Lot #:	H2514166
SKU #	D112007
Version	2
Analysis #:	536777
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Free Amines (as Dimethylamine)	0-8 (ppm)	2.10 ppm
UV Absorbance 310nm	0-0.05	0.03
UV Absorbance 295nm	0-0.1	0.07
UV Absorbance 400nm	0-0.01	0.00
Refractive index n ₂₀ /D	1.428-1.432	1.43
Water by Karl Fischer	0-0.05 (%)	0.03 %
UV Absorbance 340nm	0-0.01	0.01
Absorbance (at 270 nm)	0-1	0.73
Purity(GC)	99.9-100 (%)	99.98 %
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
Titration Base	0-0.003 (meq/g)	0.00270 meq/g
UV Absorbance 275nm	0-0.3	0.30
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



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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