

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-25 16:58:30
 Date of Next Testing: 2029-06-24 16:58:30
 Product Name: **N,N-Dimethylformamide (DMF)**
 CAS Number: 68-12-2
 Specifications & Purity: BioReagent, ≥99.9%
 Lot #: F2523138
 SKU #: **D112007**
 Version: **2**
 Analysis #: **518599**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Free Amines (as Dimethylamine)	0-8 (ppm)	0.53600 ppm
UV Absorbance 310nm	0-0.05	0.03500
UV Absorbance 295nm	0-0.1	0.07800
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 (%)	0.02990 %
UV Absorbance 275nm	0-0.3	0.23800
UV Absorbance 340nm	0-0.01	0.00700
Absorbance (at 270 nm)	0-1	0.57900
Purity(GC)	99.9-100 (%)	99.90500 %
Evaporation Residue	0-0.0005 (mg/L)	0.00000 mg/L
Titration Base	0-0.003 (meq/g)	0.00300 meq/g
Titration Acid	0-0.0005 (meq/g)	0.00000 meq/g
Appearance (D112007)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager