

Certificate of Analysis

Date of Testing: 2025-06-25 17:49:02
Date of Next Testing: 2029-06-24 17:49:02
Product Name: **N,N-Dimethylformamide (DMF)**
CAS Number: 68-12-2
Specifications & Purity: BioReagent, ≥99.9%
Lot #: F2523144
SKU #: **D112007**
Version: **2**
Analysis #: **518599**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Free Amines (as Dimethylamine)	0-8 (ppm)	0.54 ppm
UV Absorbance 310nm	0-0.05	0.04
UV Absorbance 295nm	0-0.1	0.08
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 275nm	0-0.3	0.24
UV Absorbance 340nm	0-0.01	0.01
Absorbance (at 270 nm)	0-1	0.58
Purity(GC)	99.9-100 (%)	99.91 %
Evaporation Residue	0-0.0005 (mg/L)	0.00 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



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

John Su
QA & QC Manager