

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-21 17:19:12
Date of Next Testing: 2027-11-11 17:19:12
Product Name: **N,N-Dimethylformamide (DMF)**
CAS Number: 68-12-2
Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%
Lot #: J2522453
SKU #: **D112002**
Version: **1**
Analysis #: **610668**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.91500 %
Refractive index n _{20/D}	1.428-1.432	1.43060
UV Absorbance 275nm	0-0.3	0.20000
UV Absorbance 310nm	0-0.05	0.02200
UV Absorbance 400nm	0-0.01	0.00000
Absorbance (at 270 nm)	0-1	0.50600
UV Absorbance 340nm	0-0.01	0.00200
Water by Karl Fischer	0-0.03 (%)	0.00840 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.05700
UV Absorbance 280nm	<0.15	0.13000
UV Absorbance 300nm	<0.08	0.04300
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".

John Su
QA & QC Manager