

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-15 16:27:42

Date of Next Testing: 2027-01-05 16:27:42

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

CAS Number: 68-12-2

Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%

Lot #: K2405635

SKU #: **D112002**

Version: **1**

Analysis #: **463949**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.428-1.432	1.43062
UV Absorbance 275nm	0-0.3	0.23200
UV Absorbance 310nm	0-0.05	0.04000
UV Absorbance 400nm	0-0.01	0.00000
Purity(GC)	99.9-100 (%)	99.94300 %
Absorbance (at 270 nm)	0-1	0.50800
UV Absorbance 340nm	0-0.01	0.00100
Water by Karl Fischer	0-0.03 (%)	0.00350 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.09200
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager