

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-27 09:50:20
 Date of Next Testing: 2026-12-17 09:50:20
 Product Name: **N,N-Dimethylformamide (DMF)**
 CAS Number: 68-12-2
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%
 Lot #: A2509137
 SKU #: **D112002**
 Version: **1**
 Analysis #: **453932**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.428-1.432	1.43060
UV Absorbance 275nm	0-0.3	0.16700
UV Absorbance 310nm	0-0.05	0.01900
UV Absorbance 400nm	0-0.01	0.00000
Absorbance (at 270 nm)	0-1	0.45100
UV Absorbance 340nm	0-0.01	0.00000
Water by Karl Fischer	0-0.03 (%)	0.00600 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.04800
Purity(GC)	99.9-100 (%)	99.94200 %
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager