

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-04 15:09:48
 Date of Next Testing: 2027-11-24 15:09:48
 Product Name: **N,N-Dimethylformamide (DMF)**
 CAS Number: 68-12-2
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.9%
 Lot #: J2522455
 SKU #: **D112002**
 Version: **1**
 Analysis #: **615807**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.93700 %
Refractive index n _{20/D}	1.428-1.432	1.43060
UV Absorbance 275nm	0-0.3	0.19900
UV Absorbance 310nm	0-0.05	0.02700
UV Absorbance 400nm	0-0.01	0.00300
Absorbance (at 270 nm)	0-1	0.48300
UV Absorbance 340nm	0-0.01	0.00700
Water by Karl Fischer	0-0.03 (%)	0.00480 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
UV Absorbance 295nm	0-0.1	0.06100
UV Absorbance 280nm	<0.15	0.13200
UV Absorbance 300nm	<0.08	0.04600
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager