

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 15:22:41
 Date of Next Testing: 2026-10-17 15:22:41
 Product Name: **N,N-Dimethylformamide (DMF)**
 CAS Number: 68-12-2
 Specifications & Purity: UltraPureChrom™, for GC-HS, ≥99.9%(GC)
 Lot #: J2511728
 SKU #: **D112008**
 Version: **0**
 Analysis #: **581368**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.90000 %
Water by Karl Fischer	0-0.03 (%)	0.02900 %
Absorbance (at 270 nm)	0-0.7	0.55500
UV Absorbance 320nm	0-0.022	0.00000
UV Absorbance 300nm	0-0.07	0.03100
UV Absorbance 275nm	0-0.25	0.21100
Refractive index n ₂₀ /D	1.429-1.431	1.43064
Appearance (D112008)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Test by UV Spectroscopy(190-268 nm)	Cut-Off	cut-off
Residual Solvents(GC-HS)	Suitable for GC-HS	Suitable for GC-HS



John Su
QA & QC Manager