

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-30 15:29:22

Date of Next Testing: 2026-07-30 15:29:22

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

CAS Number: 68-12-2

Specifications & Purity: UltraPureChrom™, for GC-HS, ≥99.9%(GC)

Lot #: G2528169

SKU #: **D112008**

Version: **0**

Analysis #: **546180**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.98000 %
Water by Karl Fischer	0-0.03 (%)	0.02790 %
Absorbance (at 270 nm)	0-0.7	0.60300
UV Absorbance 320nm	0-0.022	0.00300
UV Absorbance 300nm	0-0.07	0.04200
UV Absorbance 275nm	0-0.25	0.23700
Refractive index n ₂₀ /D	1.429-1.431	1.43066
Appearance (D112008)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residual Solvents(GC-HS)	Suitable for GC-HS	Suitable for GC-HS
Test by UV Spectroscopy(190-268 nm)	Cut-Off	cut-off



John Su
QA & QC Manager