

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-06-28 16:16:52
Date of Next Testing: 2026-06-28 16:16:52
Product Name: **N,N-Dimethylformamide (DMF)**
CAS Number: 68-12-2
Specifications & Purity: UltraPureChrom™, for GC-HS, ≥99.9%(GC)
Lot #: F2525358
SKU #: **D112008**
Version: **0**
Analysis #: **530912**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.99000 %
Water by Karl Fischer	0-0.03 (%)	0.02620 %
Absorbance (at 270 nm)	0-0.7	0.60400
UV Absorbance 300nm	0-0.07	0.05800
UV Absorbance 275nm	0-0.25	0.23600
Refractive index n ₂₀ /D	1.429-1.431	1.43062
UV Absorbance 320nm	0-0.022	0.00200
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

