



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-04 15:50:55

Date of Next Testing: 2029-11-03 15:50:55

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

CAS Number: 68-12-2

Specifications & Purity: $\geq 99.9\%$ (GC)

Lot #: J2529243

SKU #: **D112000**

Version: **2**

Analysis #: **602203**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	0.00000 $\mu\text{S}/\text{cm}$
Color Test	0-10	2.00000
Acidity	0-10 (ppm)	0.00000 ppm
Water by Karl Fischer	0-500 (ppm)	151.00000 ppm
Refractive index n _{20/D}	1.428-1.432	1.43040
Iron(Fe)	0-0.05 (ppm)	0.00231 ppm
Purity(GC)	99.9-100 (%)	99.95200 %
Methanol(CH ₃ OH)	0-20 (ppm)	0.00000 ppm
Alkalinity	0-5 (ppm)	0.00000 ppm
PH (20%, water) 25 °C	6.5-8	7.10140
Appearance (D112000)	Colorless Liquid	Colorless liquid

John Su
QA & QC Manager