

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-04 10:22:00
Date of Next Testing: 2029-08-03 10:22:00
Product Name: **N,N-Dimethylformamide (DMF)**
CAS Number: 68-12-2
Specifications & Purity: $\geq 99.9\%$ (GC)
Lot #: G2528462
SKU #: **D112000**
Version: **2**
Analysis #: **550567**
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	2.10310
Acidity	0-10 (ppm)	2.00000 ppm
Water by Karl Fischer	0-500 (ppm)	232.00000 ppm
Refractive index n ₂₀ /D	1.428-1.432	1.43050
Iron(Fe)	0-0.05 (ppm)	0.00000 ppm
Purity(GC)	99.9-100 (%)	99.91400 %
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	6.50112
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager