

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-23 17:24:20  
Date of Next Testing: 2029-04-22 17:24:20  
Product Name: **N,N-Dimethylformamide (DMF)**  
CAS Number: 68-12-2  
Specifications & Purity:  $\geq 99.9\%$ (GC)  
Lot #: D2521540  
SKU #: **D112000**  
Version: **2**  
Analysis #: **502553**  
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)	78.00000 ppm
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43070
Iron(Fe)	0-0.05 (ppm)	0.00000 ppm
Purity(GC)	99.9-100 (%)	99.90000 %
Methanol(CH <sub>3</sub> OH)	0-20 (ppm)	10.00000 ppm
Alkalinity	0-5 (ppm)	0.96000 ppm
PH (20%, water) 25 ° C	6.5-8	6.90800
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager