

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-24 10:33:05  
Date of Next Testing: 2029-05-23 10:33:05  
Product Name: **N,N-Dimethylformamide (DMF)**  
CAS Number: 68-12-2  
Specifications & Purity:  $\geq 99.9\%$ (GC)  
Lot #: E2521291  
SKU #: **D112000**  
Version: **2**  
Analysis #: **517127**  
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	5.00000
Acidity	0-10 (ppm)	8.00000 ppm
Water by Karl Fischer	0-500 (ppm)	262.00000 ppm
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43060
Iron(Fe)	0-0.05 (ppm)	0.00200 ppm
Purity(GC)	99.9-100 (%)	99.93800 %
Methanol(CH <sub>3</sub> OH)	0-20 (ppm)	15.00000 ppm
Alkalinity	0-5 (ppm)	2.00000 ppm
PH (20%, water) 25 ° C	6.5-8	6.80000
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager