

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-27 15:02:48
 Date of Next Testing: 2029-05-26 15:02:48
 Product Name: **N,N-Dimethylformamide (DMF)**
 CAS Number: 68-12-2
 Specifications & Purity: $\geq 99.9\%$ (GC)
 Lot #: E2521285
 SKU #: **D112000**
 Version: **2**
 Analysis #: **518009**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	0.10000 $\mu\text{S}/\text{cm}$
Color Test	0-10	8.00000
Acidity	0-10 (ppm)	5.20000 ppm
Water by Karl Fischer	0-500 (ppm)	262.00000 ppm
Refractive index n _{20/D}	1.428-1.432	1.43060
Iron(Fe)	0-0.05 (ppm)	0.00000 ppm
Purity(GC)	99.9-100 (%)	99.93800 %
Methanol(CH ₃ OH)	0-20 (ppm)	2.60000 ppm
Alkalinity	0-5 (ppm)	0.30000 ppm
PH (20%, water) 25 °C	6.5-8	7.50000
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager