

Certificate of Analysis

Date of Testing: 2024-12-19 15:10:40
Date of Next Testing: 2028-12-18 15:10:40
Product Name: **N,N-Dimethylformamide (DMF)**
CAS Number: 68-12-2
Specifications & Purity: $\geq 99.9\%$ (GC)
Lot #: L2417300
SKU #: **D112000**
Version: **2**
Analysis #: **452706**

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	0.00 $\mu\text{S}/\text{cm}$
Color Test	0-10	6.00
Acidity	0-10 (ppm)	3.90 ppm
Water by Karl Fischer	0-500 (ppm)	140.00 ppm
Refractive index n ₂₀ /D	1.428-1.432	1.43
Iron(Fe)	0-0.05 (ppm)	0.00 ppm
Purity(GC)	99.9-100 (%)	99.90 %
Methanol(CH ₃ OH)	0-20 (ppm)	0.00 ppm
Alkalinity	0-5 (ppm)	0.50 ppm
PH (20%, water) 25 ° C	6.5-8	7.50000
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager