

Certificate of Analysis

Date of Testing: 2024-12-27 11:10:36

Date of Next Testing: 2028-12-26 11:10:36

Product Name: **N,N-Dimethylformamide (DMF)**

CAS Number: 68-12-2

Specifications & Purity: $\geq 99.9\%$ (GC)

Lot #: L2417792

SKU #: **D112000**

Version: **2**

Analysis #: **455073**

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	0.00 $\mu\text{S}/\text{cm}$
Color Test	0-10	0.00
Acidity	0-10 (ppm)	5.00 ppm
Water by Karl Fischer	0-500 (ppm)	0.01 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)	10.00 ppm
Alkalinity	0-5 (ppm)	2.00 ppm
PH (20%, water) 25 ° C	6.5-8	7.25000
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager