

Certificate of Analysis

Date of Testing: 2024-10-17 14:17:55
Date of Next Testing: 2028-10-16 14:17:55
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: $\geq 99.9\%$ (GC)
Lot #: J2414359
SKU #: **D112000**
Version: **2**
Analysis #: **422727**

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	0.10 $\mu\text{S}/\text{cm}$
Color Test	0-10	5.00
Acidity	0-10 (ppm)	6.50 ppm
Water by Karl Fischer	0-500 (ppm)	127.00 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 (%)	99.93%
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	7.20000
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager