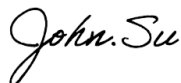


Certificate of Analysis

Date of Testing: 2022-01-19 15:06:30
Date of Next Testing: 2026-01-18 15:06:30
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: >99.9% (GC)
Lot #: A2213217
SKU #: **D112000**
Analysis: **068358**

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	1.56 $\mu\text{S}/\text{cm}$
Color Test	0-10	9.95
Acidity	0-10 (ppm)	8.25 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)	0.05 ppm
Purity(GC)	99.9-100 (%)	99.91%
Distillation range	0-2 ($^{\circ}\text{C}$)	1.53 $^{\circ}\text{C}$
Methanol(CH ₃ OH)	0-20 (ppm)	18.40 ppm
Alkalinity	0-5 (ppm)	3.85 ppm
PH	6.5-8	6.59
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager