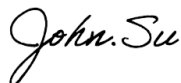


Certificate of Analysis

Date of Testing: 2022-07-30 16:46:56
Date of Next Testing: 2026-07-29 16:46:56
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: >99.9% (GC)
Lot #: G2228756
SKU #: **D112000**
Analysis: **119924**

Parameter	Limit Values	Result
Electric Conductivity	0-2 ($\mu\text{S}/\text{cm}$)	1.00 $\mu\text{S}/\text{cm}$
Color Test	0-10	6.00
Acidity	0-10 (ppm)	7.02 ppm
Water by Karl Fischer	0-500 (ppm)	300.00 ppm
Refractive index n ₂₀ /D	1.428-1.432	1.43
Iron(Fe)	0-0.05 (ppm)	0.02 ppm
Purity(GC)	99.9-100 (%)	99.96 %
Distillation range	0-2 ($^{\circ}\text{C}$)	0.98 $^{\circ}\text{C}$
Methanol(CH ₃ OH)	0-20 (ppm)	13.00 ppm
Alkalinity	0-5 (ppm)	3.89 ppm
PH	6.5-8	7.36
Appearance (D112000)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager