

Certificate of Analysis

Date of Testing: 2023-06-30 11:46:52
Date of Next Testing: 2027-06-29 11:46:52
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: >99.9% (GC)
Lot #: F2327059
SKU #: **D112000**
Analysis: **246093**

| Parameter | Limit Values | Result |
|-------------------------------------|---------------------------------|------------------------------|
| Electric Conductivity | 0-2 ($\mu\text{S}/\text{cm}$) | 1.20 $\mu\text{S}/\text{cm}$ |
| Color Test | 0-10 | 8.00 |
| Acidity | 0-10 (ppm) | 6.95 ppm |
| Water by Karl Fischer | 0-500 (ppm) | 295.00 ppm |
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43 |
| Iron(Fe) | 0-0.05 (ppm) | 0.03 ppm |
| Purity(GC) | 99.9-100 (%) | 99.97% |
| Distillation range | 0-2 ($^{\circ}\text{C}$) | 1.17 $^{\circ}\text{C}$ |
| Methanol(CH ₃ OH) | 0-20 (ppm) | 10.00 ppm |
| Alkalinity | 0-5 (ppm) | 2.30 ppm |
| PH | 6.5-8 | 7.50 |
| Appearance (D112000) | Colorless Liquid | Colorless liquid |



John Su
QA & QC Manager