

Certificate of Analysis

Date of Testing: 2024-11-15 11:10:33
Date of Next Testing: 2028-11-14 11:10:33
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: $\geq 99.9\%$ (GC)
Lot #: K2412099
SKU #: **D112000**
Version: **2**
Analysis #: **437165**

| Parameter | Limit Values | Result |
|-------------------------------------|---------------------------------|------------------------------|
| Electric Conductivity | 0-2 ($\mu\text{S}/\text{cm}$) | 1.00 $\mu\text{S}/\text{cm}$ |
| Color Test | 0-10 | 5.00 |
| Acidity | 0-10 (ppm) | 8.00 ppm |
| Water by Karl Fischer | 0-500 (ppm) | 140.00 ppm |
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43 |
| Iron(Fe) | 0-0.05 (ppm) | 0.04 ppm |
| Purity(GC) | 99.9-100 (%) | 99.90 % |
| Methanol(CH ₃ OH) | 0-20 (ppm) | 15.00 ppm |
| Alkalinity | 0-5 (ppm) | 4.00 ppm |
| PH (20%, water) 25 ° C | 6.5-8 | 6.80000 |
| Appearance (D112000) | Colorless Liquid | Colorless liquid |



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QA & QC Manager