

Certificate of Analysis

Date of Testing: 2022-10-10 17:45:18
Date of Next Testing: 2026-10-09 17:45:18
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: Analytical Reagent,99.5%
Lot #: I2216180
SKU #: **D111999**
Analysis: 131153
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|---------------------------|---------------------------|
| alkalinity(as OH-) | 0-1 ($\mu\text{mol/g}$) | 0.00000 $\mu\text{mol/g}$ |
| Purity(GC) | 99.5-100 (%) | 99.86000 % |
| Color test (APHA) | 0-10 | 10.00000 |
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43060 |
| Water by Karl Fischer | 0-0.1 (%) | 0.00360 % |
| Evaporation Residue | 0-0.005 (%) | 0.00000 % |
| Acidity(as H ⁺) | 0-1 ($\mu\text{mol/g}$) | 0.00000 $\mu\text{mol/g}$ |
| Iron(Fe) | 0-0.0005 (%) | 0.00000 % |
| Density | 0.945-0.950(g/ml) | 0.95000 g/ml |
| Appearance (D111999) | Colorless Liquid | Colorless liquid |



John Su
QA & QC Manager