

Certificate of Analysis

Date of Testing: 2022-06-21 15:49:15
Date of Next Testing: 2024-06-10 15:49:15
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: F2218396
SKU #: **D112002**
Analysis: **097100**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43 |
| UV Absorbance 275nm | 0-0.3 | 0.21 |
| UV Absorbance 310nm | 0-0.05 | 0.02 |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| Purity(GC) | 99.9-100 (%) | 99.95 % |
| UV Absorbance 270nm | 0-1 | 0.56 |
| UV Absorbance 340nm | 0-0.01 | 0.00 |
| Water by Karl Fischer | 0-0.03 (%) | 0.02 % |
| Evaporation Residue | 0-0.0005 (%) | 0.00 % |
| UV Absorbance 295nm | 0-0.1 | 0.05 |
| Appearance (D112002) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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