

Certificate of Analysis

Date of Testing: 2023-09-06 11:15:24
Date of Next Testing: 2025-08-26 11:15:24
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: H2315012
SKU #: **D112002**
Analysis: **270157**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.92 %
Refractive index n ₂₀ /D	1.428-1.432	1.43
UV Absorbance 275nm	0-0.3	0.22
UV Absorbance 310nm	0-0.05	0.02
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.59
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	0.06
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager