

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-04 15:23:00
Date of Next Testing: 2024-12-24 15:23:00
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: L2223030
SKU #: **D112002**
Analysis: 165199
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	0.23
UV Absorbance 310nm	0-0.05	0.04
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 270nm	0-1	0.54
UV Absorbance 340nm	0-0.01	0.00
Evaporation Residue	0-0.0005 (%)	0.00 %
Purity(GC)	99.9-100 (%)	99.91 %
Water by Karl Fischer	0-0.03 (%)	0.03 %
UV Absorbance 295nm	0-0.1	0.10
Appearance (D112002)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager