

Certificate of Analysis

Date of Testing: 2022-05-17 15:15:36
Date of Next Testing: 2023-05-17 15:15:36
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: for GC-HS, $\geq 99.9\%$ (GC)
Lot #: E2211278
SKU #: **D112008**
Analysis: **088366**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.92%
Water by Karl Fischer	0-0.03 (%)	0.01%
UV Absorbance 270nm	0-0.7	0.52
UV Absorbance 320nm	0-0.022	0.02
UV Absorbance 300nm	0-0.07	0.06
UV Absorbance 275nm	0-0.25	0.22
Refractive index n ₂₀ /D	1.429-1.431	1.43
Appearance (D112008)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residual Solvents(GC-HS)	Suitable for GC-HS	Suitable for GC-HS
Test by UV Spectroscopy(190-268 nm)	Cut-Off	cut-off



John Su
QA & QC Manager