

## Certificate of Analysis

Date of Testing: 2022-07-22 17:02:07

Date of Next Testing: 2023-07-22 17:02:07

Product Name: **N,N-Dimethylformamide**

CAS Number: 68-12-2

Specifications & Purity: for GC-HS, ≥99.9%(GC)

Lot #: G2205022

SKU #: **D112008**

**Analysis: 106169**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.98 %
Water by Karl Fischer	0-0.03 (%)	0.01 %
UV Absorbance 270nm	0-0.7	0.61
UV Absorbance 320nm	0-0.022	0.01
UV Absorbance 300nm	0-0.07	0.05
UV Absorbance 275nm	0-0.25	0.23
Refractive index n <sub>20</sub> /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