

## Certificate of Analysis

Date of Testing: 2024-04-16 11:20:25  
Date of Next Testing: 2028-04-15 11:20:25  
Product Name: **N,N-Dimethylformamide**  
CAS Number: 68-12-2  
Specifications & Purity: 99.9%  
Lot #: D2402230  
SKU #: **D301788**  
Analysis: **335165**

Parameter	Limit Values	Result
Water by Karl Fischer	0-300 (ppm)	20.00 ppm
Methanol(CH <sub>3</sub> OH)	0-50 (ppm)	12.60 ppm
PH	6.5-8	7.10
Color test (APHA)	0-10 (APHA)	4.00 APHA
Basicity (as dimethylamine )	0-10 (ppm)	1.70 ppm
Acidity	0-10 (ppm)	4.20 ppm
Electric Conductivity	0-2 (μS/cm)	0.08 μS/cm
Iron(Fe)	0-0.05 (ppm)	0.05 ppm
Purity(GC)	99.9-100 (%)	99.99%
Appearance (D301788)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager