

## Certificate of Analysis

Date of Testing: 2023-06-12 11:53:01  
Date of Next Testing: 2027-06-11 11:53:01  
Product Name: **N,N-Dimethylformamide**  
CAS Number: 68-12-2  
Specifications & Purity: 99.9%  
Lot #: F2305211  
SKU #: **D301788**  
Analysis: **230194**

Parameter	Limit Values	Result
Water by Karl Fischer	0-300 (ppm)	50.00 ppm
Methanol(CH <sub>3</sub> OH)	0-50 (ppm)	4.00 ppm
PH	6.5-8	7.41
Iron(Fe)	0-0.05 (ppm)	0.00 ppm
Color test (APHA)	0-10 (APHA)	5.00 APHA
Basicity (as dimethylamine )	0-10 (ppm)	2.00 ppm
Acidity	0-10 (ppm)	2.00 ppm
Purity(GC)	99.9-100 (%)	99.99%
Electric Conductivity	0-2 (μS/cm)	0.29 μS/cm
Appearance (D301788)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager