

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-20 09:46:49  
Date of Next Testing: 2029-11-19 09:46:49  
Product Name: **N,N-Dimethylformamide (DMF)**  
CAS Number: 68-12-2  
Specifications & Purity: AR, ≥99.5%  
Lot #: K2510461  
SKU #: **D111999**  
Version: **2**  
Analysis #: **610632**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
alkalinity(as OH <sup>-</sup> )	0-1 (μmol/g)	0.00000 μmol/g
Purity(GC)	99.5-100 (%)	99.97900 %
Color test (APHA)	0-10	0.00000
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43060
Water by Karl Fischer	0-0.1 (%)	0.00830 %
Evaporation Residue	0-0.005 (%)	0.00000 %
Density	0.945-0.950(g/ml)	0.94680 g/ml
Acidity(as H <sup>+</sup> )	0-1 (μmol/g)	0.00000 μmol/g
Iron(Fe)	0-0.0005 (%)	0.00000 %
Appearance (D111999)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager