

Certificate of Analysis

Date of Testing: 2025-04-23 15:51:08

Date of Next Testing: 2029-04-22 15:51:08

Product Name: **N,N-Dimethylformamide (DMF)**

CAS Number: 68-12-2

Specifications & Purity: AR, ≥99.5%

Lot #: D2508373

SKU #: **D111999**

Version: **2**

Analysis #: **502381**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
alkalinity(as OH-)	0-1 (μmol/g)	0.00000 μmol/g
Purity(GC)	99.5-100 (%)	99.78200 %
Color test (APHA)	0-10	0.00000
Refractive index n ₂₀ /D	1.428-1.432	1.43030
Water by Karl Fischer	0-0.1 (%)	0.01430 %
Evaporation Residue	0-0.005 (%)	0.00000 %
Density	0.945-0.950(g/ml)	0.94640 g/ml
Acidity(as H ⁺)	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