

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-30 15:53:56
Date of Next Testing: 2028-10-29 15:53:56
Product Name: **N,N-Dimethylformamide**
CAS Number: 68-12-2
Specifications & Purity: AR, ≥99.5%
Lot #: J2421681
SKU #: **D111999**
Version: **2**
Analysis #: **428620**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-------------------|------------------|
| alkalinity(as OH ⁻) | 0-1 (μmol/g) | 0.00000 μmol/g |
| Purity(GC) | 99.5-100 (%) | 99.67800 % |
| Color test (APHA) | 0-10 | 0.00000 |
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43060 |
| Water by Karl Fischer | 0-0.1 (%) | 0.00670 % |
| Evaporation Residue | 0-0.005 (%) | 0.00000 % |
| Density | 0.945-0.950(g/ml) | 0.94670 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