

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-11 18:39:43  
 Date of Next Testing: 2025-11-11 18:39:43  
 Product Name: **N,N-Dimethylformamide**  
 CAS Number: 68-12-2  
 Specifications & Purity: UltraPureChrom™, for GC-HS, ≥99.9%(GC)  
 Lot #: K2408375  
 SKU #: **D112008**  
 Version: **0**  
 Analysis #: **428958**

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.90%
Water by Karl Fischer	0-0.03 (%)	0.01%
UV Absorbance 270nm	0-0.7	0.53
UV Absorbance 320nm	0-0.022	0.00
UV Absorbance 300nm	0-0.07	0.02
UV Absorbance 275nm	0-0.25	0.20
Refractive index n <sub>20</sub> /D	1.429-1.431	1.43
Appearance (D112008)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Test by UV Spectroscopy(190-268 nm)	Cut-Off	cut-off
Residual Solvents(GC-HS)	Suitable for GC-HS	Suitable for GC-HS



John Su  
QA & QC Manager