

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-10 16:18:49  
Date of Next Testing: 2028-07-09 16:18:49  
Product Name: **N,N-Dimethylethylenediamine**  
CAS Number: 108-00-9  
Specifications & Purity: 98%  
Lot #: G2405193  
SKU #: **D105347**  
Version: **1**  
Analysis #: **350882**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.26 %
Refractive index n <sub>20</sub> /D	1.424-1.429	1.43
Density (20°C)	0.807-0.811	0.81
Water by Karl Fischer	0-1 (%)	0.14 %
Appearance (D105347)	Clear Colorless to Very Faint Greenish-Yellow Liq	Clear Colorless to Very Faint Greenish-Yellow Liq
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager