

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-17 09:41:25  
Date of Next Testing: 2029-12-16 09:41:25  
Product Name: **N,N-Dimethylethylenediamine (DMEN)**  
CAS Number: 108-00-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2515526  
SKU #: **D105347**  
Version: **1**  
Analysis #: **620509**  
Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                                  | Result  |
|-------------------------------------|---|---|
| Water by Karl Fischer               | 0-1 (%)                                       | 0.50000 %                                     |
| Purity(GC)                          | 98-100 (%)                                    | 99.65200 %                                    |
| Refractive index n <sub>20</sub> /D | 1.424-1.429                                   | 1.42640                                       |
| Appearance (D105347)                | Clear Colorless to Very Faint Greenish-Yellow | Clear Colorless to Very Faint Greenish-Yellow |
|                                     | Liq   | Liq   |
| Proton NMR spectrum                 | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager