

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-03-14 19:19:43  
Date of Next Testing: 2027-02-11 19:19:43  
Product Name: **Diethylamine**  
CAS Number: 109-89-7  
Specifications & Purity: purified by redistillation, ≥99.5%  
Lot #: C23101208  
SKU #: **D110469**  
Analysis: **189824**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.383-1.387           | 1.38490               |
| Purity(GC)                          | 99.5-100 (%)          | 99.93000 %            |
| Density (20°C)                      | 0.704-0.708           | 0.70600               |
| Appearance (D110469)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager