

## Certificate of Analysis

Date of Testing: 2024-07-13 15:54:02  
Date of Next Testing: 2028-07-12 15:54:02  
Product Name: **Diethylamine**  
CAS Number: 109-89-7  
Specifications & Purity: ACS,>99.0%  
Lot #: G2410334  
SKU #: **D110470**  
Version: **0**  
Analysis #: **373625**  
Storage Temperature: Room temperature,Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.383-1.387           | 1.39                  |
| Triethylamine                       | 0-0.5 (%)             | 0.00 %                |
| Assay                               | 99-100 (%)            | 99.75 %               |
| Monoethylamine                      | 0-0.5 (%)             | 0.00 %                |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.07 %                |
| Density (20°C)                      | 0.704-0.708           | 0.71                  |
| Appearance (D110470)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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