

## Certificate of Analysis

Date of Testing: 2024-02-28 14:33:05  
Date of Next Testing: 2028-02-27 14:33:05  
Product Name: **Diethylamine**  
CAS Number: 109-89-7  
Specifications & Purity: ACS,>99.0%  
Lot #: B2422297  
SKU #: **D110470**  
**Analysis:** **317528**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.704-0.708	0.70
Refractive index n <sub>20</sub> /D	1.383-1.387	1.38
Triethylamine	0-0.5 (%)	0.00 %
Assay	99-100 (%)	99.68 %
Monoethylamine	0-0.5 (%)	0.00 %
Water by Karl Fischer	0-0.1 (%)	0.10 %
Appearance (D110470)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager