

## Certificate of Analysis

Date of Testing: 2022-11-29 17:39:09  
Date of Next Testing: 2026-11-28 17:39:09  
Product Name: **N,N-dimethylethanolamine**  
CAS Number: 108-01-0  
Specifications & Purity: purified by redistillation,  $\geq 99.5\%$   
Lot #: K2225519  
SKU #: **D109080**  
**Analysis:** **157042**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.886-0.89	0.89
Refractive index n <sub>20</sub> /D	1.427-1.432	1.43
Purity(GC)	99.5-100 (%)	99.72 %
Appearance (D109080)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager