

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-22 17:33:31
 Date of Next Testing: 2029-08-21 17:33:31
 Product Name: **Diethanolamine(DEA)**
 CAS Number: 111-42-2
 Specifications & Purity: AR, ≥99%
 Lot #: H2521149
 SKU #: **D112360**
 Version: **0**
 Analysis #: **563356**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.62100%
Refractive index n _{20/D}	1.474-1.479	1.47760
Purity(GC)	99-100 (%)	99.62100%
Appearance (D112360)	White solid or colorless to yellow liquid	White solid or colorless to yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in pass H ₂ O		Pass



John Su
QA & QC Manager