

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-06 15:54:16

Date of Next Testing: 2029-09-05 15:54:16

Product Name: **Ethanolamine**

CAS Number: 141-43-5

Specifications & Purity: Distillation grade, $\geq 99.5\%$

Lot #: I2504307

SKU #: **E103808**

Version: **0**

Analysis #: **564060**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.452-1.457	1.45380
Density (20°C)	1.015-1.019	1.01720
Purity(GC)	99.5-100 (%)	99.51000 %
Appearance (E103808)	Colorless liquid or viscous liquid	Colorless liquid or viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager