

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 16:54:48

Date of Next Testing: 2029-12-28 16:54:48

Product Name: **Ethanolamine**

CAS Number: 141-43-5

Specifications & Purity: AR, ≥99%

Lot #: L2519148

SKU #: **E103802**

Version: **0**

Analysis #: **632816**

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

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.51000 %
Density (20°C)	1.015-1.019	1.01670
Refractive index n _{20/D}	1.452-1.457	1.45220
Appearance (E103802)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager