

Certificate of Analysis

Date of Testing: 2022-03-03 08:36:19

Date of Next Testing: 2026-03-02 08:36:19

Product Name: **Ethanolamine**

CAS Number: 141-43-5

Specifications & Purity: ACS, ≥99.0%

Lot #: B2226511

SKU #: **E103810**

Analysis: 054113

Parameter	Limit Values	Result
Color test (APHA)	0-15	12.00
Iron(Fe)	0-5 (ppm)	3.50 ppm
Heavy metal (as Pb)	0-5 (ppm)	1.01 ppm
Water by Karl Fischer	0-0.3 (%)	0.22 %
Assay	99-100 (%)	99.39 %



John Su
QA & QC Manager