

Certificate of Analysis

Date of Testing: 2022-10-22 16:30:59

Date of Next Testing: 2026-10-21 16:30:59

Product Name: **Ethanolamine**

CAS Number: 141-43-5

Specifications & Purity: ACS, $\geq 99.0\%$

Lot #: J2210455

SKU #: **E103810**

Analysis: **147846**

Parameter	Limit Values	Result
Color test (APHA)	0-15	13.00
Iron(Fe)	0-5 (ppm)	4.30 ppm
Heavy metal (as Pb)	0-5 (ppm)	3.20 ppm
Water by Karl Fischer	0-0.3 (%)	0.30 %
Assay	99-100 (%)	99.73 %



John Su
QA & QC Manager