

## Certificate of Analysis

Date of Testing: 2022-07-04 10:08:35

Date of Next Testing: 2026-07-03 10:08:35

Product Name: **Ethanolamine**

CAS Number: 141-43-5

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

Lot #: F2221098

SKU #: **E103810**

**Analysis: 108741**

Parameter	Limit Values	Result
Color test (APHA)	0-15	12.00
Iron(Fe)	0-5 (ppm)	1.53 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.22 ppm
Water by Karl Fischer	0-0.3 (%)	0.01 %
Assay	99-100 (%)	99.29 %



John Su  
QA & QC Manager