

## Certificate of Analysis

Date of Testing: 2024-05-27 15:44:25  
Date of Next Testing: 2028-05-26 15:44:25  
Product Name: **Ethanolamine**  
CAS Number: 141-43-5  
Specifications & Purity: ACS, ≥99.0%  
Lot #: E2415429  
SKU #: **E103810**  
Version: **1**  
Analysis #: **362092**

Parameter	Limit Values	Result
Color test (APHA)	0-15	10.00
Iron(Fe)	0-5 (ppm)	0.61 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-0.3 (%)	0.05 %
Assay	99-100 (%)	99.68 %



John Su  
QA & QC Manager