

## Certificate of Analysis

Date of Testing: 2022-12-14 18:07:12  
Date of Next Testing: 2026-12-13 18:07:12  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity: Analytical Reagent  
Lot #: L2208035  
SKU #: **T108151**  
**Analysis: 168379**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.482-1.489	1.49
Assay(Total amine)	99-110 (%)	99.99%
Ignition Residue (as sulfate)	0-0.05 (%)	0.00%
Assay(Triethanolamine )	78-100 (%)	90.20%
Density (20°C)	1.123-1.133	1.13
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager