

## Certificate of Analysis

Date of Testing: 2022-06-30 11:43:56  
Date of Next Testing: 2026-06-29 11:43:56  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity: Analytical Reagent  
Lot #: F2221043  
SKU #: **T108151**  
**Analysis:** **066932**  
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 (%)	99.22 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.05 %
Assay(Triethanolamine )	78-100 (%)	99.92 %
Density (20°C)	1.123-1.133	1.13
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager