

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-13 16:57:13  
Date of Next Testing: 2027-04-12 16:57:13  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity: Analytical Reagent  
Lot #: D23062184  
SKU #: **T108151**  
**Analysis:** **211150**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.482-1.489	1.48
Assay(Total amine)	99-110 (%)	99.02 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.04 %
Assay(Triethanolamine )	78-100 (%)	85.50 %
Density (20°C)	1.123-1.133	1.13
Solubility in EtOH , clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager