

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-17 14:00:14  
Date of Next Testing: 2027-10-16 14:00:14  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity: Analytical Reagent  
Lot #: J2313563  
SKU #: **T108151**  
**Analysis:** **286537**  
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 (%)   | 99.51 % |
| Ignition Residue (as sulfate)       | 0-0.05 (%)   | 0.00 %  |
| Assay(Triethanolamine )             | 78-100 (%)   | 90.55 % |
| Density (20°C)                      | 1.123-1.133  | 1.12    |
| Solubility in EtOH , clear,50mg/ml  | pass         | Pass    |



John Su  
QA & QC Manager