

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-04 10:42:55  
Date of Next Testing: 2024-07-24 10:42:55  
Product Name: **Triethanolamine**  
CAS Number: 102-71-6  
Specifications & Purity:  $\geq 99.0\%$  (GC)  
Lot #: G2229406  
SKU #: **T108154**  
**Analysis:** **121084**  
Storage Temperature: Protected from light

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Ignition Residue (as sulfate)       | 0-0.01 (%)                       | 0.00 %                           |
| Refractive index n <sub>20</sub> /D | 1.484-1.486                      | 1.49                             |
| Purity(GC)                          | 99-100 (%)                       | 99.16 %                          |
| Appearance (T108154)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |
| Solubility in EtOH                  | pass                             | Pass                             |



John Su  
QA & QC Manager