

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-05 14:46:50  
 Date of Next Testing: 2026-03-04 14:46:50  
 Product Name: **Triethyl orthoformate**  
 CAS Number: 122-51-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: B2226742  
 SKU #: **T104080**  
 Version: **1**  
 Analysis #: **071800**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.39-1.393            | 1.39110               |
| Density (20°C)                      | 0.893-0.896           | 0.89500               |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.00460 %             |
| Purity(GC)                          | 99-100 (%)            | 99.56900 %            |
| Appearance (T104080)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager