

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-09 14:33:40  
Date of Next Testing: 2027-04-29 14:33:40  
Product Name: **Tetraethyl orthosilicate**  
CAS Number: 78-10-4  
Specifications & Purity: Reagent grade,  $\geq 98\%$   
Lot #: D2529045  
SKU #: **T110593**  
Version: **0**  
Analysis #: **509908**  
Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 98-100 (%)            | 99.83600 %            |
| Refractive index n <sub>20</sub> /D | 1.381-1.385           | 1.38320               |
| Density (20°C)                      | 0.933-0.937           | 0.93510               |
| Appearance (T110593)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager