

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-16 11:44:40

Date of Next Testing: 2024-02-06 11:44:40

Product Name: **Tetraethyl orthosilicate**

CAS Number: 78-10-4

Specifications & Purity: Reagent grade,  $\geq 98\%$

Lot #: B2210580

SKU #: **T110593**

Version: **0**

Analysis #: **073703**

Storage Temperature: Room temperature, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 98-100 (%)            | 99.68300 %            |
| Refractive index n <sub>20</sub> /D | 1.381-1.385           | 1.38330               |
| Density (20°C)                      | 0.933-0.937           | 0.93360               |
| Appearance (T110593)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager