

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-17 17:25:27

Date of Next Testing: 2026-08-16 17:25:27

Product Name: **Tetraethyl orthosilicate**

CAS Number: 78-10-4

Specifications & Purity: 99.99% metals basis

Lot #: H2216239

SKU #: **T110595**

**Analysis:** **122198**

Storage Temperature: Argon charged, Desiccated

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Total Metallic Impurities               | 0-100 (ppm)           | 45.00 ppm             |
| Refractive index n <sub>20/D</sub>      | 1.381-1.385           | 1.38                  |
| Purity (Based On Trace Metals Analysis) | 99.99-100 (%)         | 100.00 %              |
| Purity (GC)                             | 99-100 (%)            | 99.66 %               |
| Density (20°C)                          | 0.933-0.937           | 0.94                  |
| Appearance (T110595)                    | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager