

## Certificate of Analysis

Date of Testing: 2023-03-09 23:03:35

Date of Next Testing: 2027-03-08 23:03:35

Product Name: **Tetraethyl orthosilicate**

CAS Number: 78-10-4

Specifications & Purity: 99.99% metals basis

Lot #: C2301893

SKU #: **T110595**

**Analysis:** **187142**

Storage Temperature: Argon charged, Desiccated

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Total Metallic Impurities               | 0-100 (ppm)           | 7.00 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 (%)            | 99.54 %               |
| Density (20°C)                          | 0.933-0.937           | 0.93                  |
| Appearance (T110595)                    | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



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