

Certificate of Analysis

Date of Testing: 2023-05-16 16:18:59

Date of Next Testing: 2027-05-15 16:18:59

Product Name: **Tetraethyl orthosilicate**

CAS Number: 78-10-4

Specifications & Purity: 99.99% metals basis

Lot #: E23061265

SKU #: **T110595**

Analysis: **211393**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-100 (ppm)	28.00 ppm
Refractive index n _{20/D}	1.381-1.385	1.38
Purity (Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
Purity (GC)	99-100 (%)	99.91 %
Density (20°C)	0.933-0.937	0.93
Appearance (T110595)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager