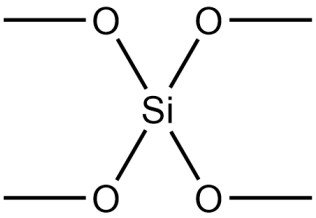
LANYACHEM
"The Chemistry We Serve"

YAC-TMOS

Tetramethyl Orthosilicate



CAS No. 681-84-5

Specifications:

Tests	Specification
Appearance	Colorless transparent liquid
Assay	≥99.0%
Methanol	≤0.80%
Density (20℃)	1.0180~1.0380g/cm^3
Refractive index (nD^{25})	1.3600~1.3700

Package: 200Kg/Drum

Application:

- Used in natural stones or other building materials, silica sol can be formed similar to inorganic substances (SiO_2) to enhance the strength of the substrate.
- It can be used as an intermediate in sol-gel reaction. In glass and plastic lens materials, and provides ultra-hard scratch resistant coatings.
- It can be used as a crosslinker in silicone rubber systems.

Storage: Stored in the shade. Keep container closed, stored in a dry place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.



Recommend Shelf Life: 12 months.