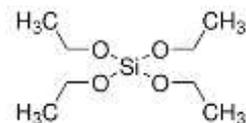


## Product Specification

Product Name:

**Tetraethyl orthosilicate, PurReagent, 99.999% trace metals basis**

Product No.: PSR46982  
Brand: PureSynth  
CAS No.: 78-10-4  
Molecular Formula: C<sub>8</sub>H<sub>20</sub>O<sub>4</sub>Si  
Molecular Weight: 208.33 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.5 %
Assay (Based on Trace metals analysis)	> 99.999 %
Trace Metal Analysis	≤ 15.0 ppm
Boron (B)	NMT 2.5 ppm
Bismuth (Bi)	NMT 5.0 ppm
Calcium (Ca)	NMT 0.25 ppm
Cadmium (Cd)	NMT 0.5 ppm
Cobalt (Co)	NMT 0.5 ppm
Iron (Fe)	NMT 0.5 ppm
Iridium (Ir)	NMT 3.0 ppm
Manganese (Mn)	NMT 0.25 ppm
Lead (Pb)	NMT 2.5 ppm
Identification by IR	Conforms to structure

Specification: PR-1.0-QA/268

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)