

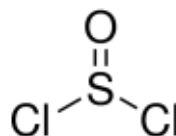
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## Product Specification

Product Name:  
Thionyl chloride - ReagentPlus®, 99.5%, low iron

**Product Number:** 447285  
**CAS Number:** 7719-09-7  
**MDL:** MFCD00011449  
**Formula:** Cl<sub>2</sub>OS  
**Formula Weight:** 118.97 g/mol



TEST	Specification
Appearance (Color)	Colorless to Yellow
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
Titration with AgNO <sub>3</sub> % Cl	59.3 - 59.9 %
Iron by ICP Analysis	≤ 5.0 ppm

Specification: PRD.1.ZQ5.10000009542

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.