

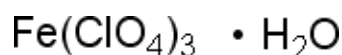
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## Product Specification

Product Name:  
Iron(III) perchlorate hydrate - crystalline

**Product Number:** 309281  
**CAS Number:** 15201-61-3  
**MDL:** MFCD00149705  
**Formula:** Cl<sub>3</sub>FeO<sub>12</sub> · xH<sub>2</sub>O  
**Formula Weight:** 354.20 g/mol



TEST	Specification
Appearance (Color) Yellow, Yellow-Green or Tan	Conforms to Requirements
Appearance (Form) Crystals or Crystalline Powder and/or Chunks	Conforms to Requirements
ICP Major Analysis Confirms Iron Component	Confirmed
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> % Fe	10.0 - 12.5 %
Chloride Content	≤ 0.10 %

Specification: PRD.0.ZQ5.10000020875

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.