

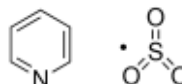
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## Product Specification

Product Name:  
Sulfur trioxide pyridine complex - 97%

**Product Number:** S7556  
**CAS Number:** 26412-87-3  
**MDL:** MFCD00012437  
**Formula:** C<sub>5</sub>H<sub>5</sub>NO<sub>3</sub>S  
**Formula Weight:** 159.16 g/mol



TEST	Specification
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Appearance (Color)	White to Beige
Appearance (Form)	Powder or Powder with Chunk(s)
Infrared spectrum	Conforms to Structure
Carbon	36.4 - 39.1 %
Nitrogen	8.5 - 9.2 %
Sulfur	19.4 - 20.9 %
Solubility (Turbidity)	Clear
Solubility Concentration: 10% in Dimethyl Sulfoxide	
Solubility (Color)	Colorless to Very Dark Yellow and Very Faint Orange to Dark Orange and Very Faint Brown to Dark Brown
Solubility Concentration: 10% in Dimethyl Sulfoxide	

Specification: PRD.1.ZQ5.10000008384

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.