

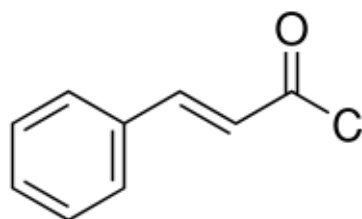
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## Product Specification

Product Name:  
Cinnamoyl chloride - 98%

**Product Number:** C81101  
**CAS Number:** 102-92-1  
**MDL:** MFCD00000732  
**Formula:** C<sub>9</sub>H<sub>7</sub>ClO  
**Formula Weight:** 166.6 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	Light Yellow to Yellow and Light Orange to Orange and Light Brown
Appearance (Form)	Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s)
Infrared spectrum	Conforms to Structure
Titration by AgNO <sub>3</sub>	97.5 - 102.5 %
GC (area %)	≥ 97.5 %
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Light Yellow
Solubility Concentration: 50mg/ml in Dichloromethane	

Specification: PRD.1.ZQ5.10000020908

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.