

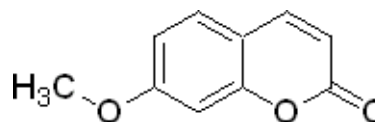
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## Product Specification

Product Name:  
7-Methoxycoumarin - ≥98%

**Product Number:** W515809  
**CAS Number:** 531-59-9  
**MDL:** MFCD00006876  
**Formula:** C<sub>10</sub>H<sub>8</sub>O<sub>3</sub>  
**Formula Weight:** 176.17 g/mol



### TEST

### Specification

Appearance (Color)	White to Tan or Light Orange
Appearance (Form)	Powder to Crystalline Powder
Infrared spectrum	Conforms to Structure
Initial Melting Point	≥ 115 °C
Final Melting Point	≤ 121 °C
Carbon	66.8 - 69.5 %
Solubility (Turbidity) c = 5%, CHCl <sub>3</sub>	Clear to Slightly Hazy
Solubility (Color)	Conforms to Requirements
Colorless to Red	
Purity (HPLC)	≥ 98.0 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm

Specification: PRD.0.ZQ5.10000023022

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.