

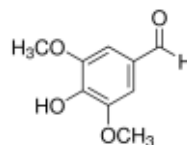
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## Product Specification

Product Name:  
Syringaldehyde - ≥98%, FG

**Product Number:** W404926  
**CAS Number:** 134-96-3  
**MDL:** MFCD00006943  
**Formula:** C<sub>9</sub>H<sub>10</sub>O<sub>4</sub>  
**Formula Weight:** 182.17 g/mol



### TEST

### Specification

Appearance (Color)	Faint Beige to Beige and Faint Green to Green
Appearance (Form)	Powder or Crystals or Powder with Chunk(s) or Crystals with Chunk(s)
Initial Melting Point	≥ 108 °C
Final Melting Point	≤ 114 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	98.0 - 102.0 %
Purity (GC)	≥ 98.0 %
Solubility (Turbidity) c = 5%; CHCl <sub>3</sub> :Methanol (1:1)	Clear to Very Hazy
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	-----

Specification: PRD.3.ZQ5.10000048431

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.