

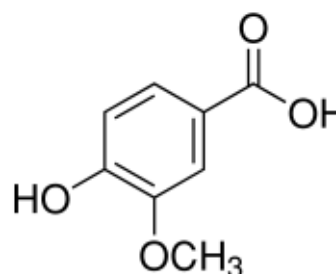
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Vanillic acid - ≥97%

**Product Number:** W398802  
**CAS Number:** 121-34-6  
**MDL:** MFCD00002551  
**Formula:** C<sub>8</sub>H<sub>8</sub>O<sub>4</sub>  
**Formula Weight:** 168.15 g/mol



### TEST

### Specification

Appearance (Color)	White to Light Yellow and Faint Beige to Beige and Faint Brown to Light Brown
Appearance (Form)	Powder
Initial Melting Point	≥ 208 °C
Final Melting Point	≤ 213 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	97.0 - 103.0 %
GC (area %)	≥ 97.0 %
Solubility (Turbidity) c = 5%, 95% Ethanol	Clear to Slightly Hazy
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.2.ZQ5.10000036609

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.