

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:

trans-Cinnamic acid – natural, ≥99%, FCC, FG

Product Number:

W228826

CAS Number:

140-10-3

MDL:

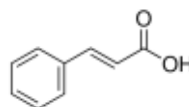
MFCD00004369

Formula:

C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>

Formula Weight:

148.16 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystals
Melting Point	≥ 130.0 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	99.0 - 101.0 %
Residue on ignition (Ash)	≤ 0.05 %
Solubility (Turbidity)	Clear to Very Slightly Hazy
Organoleptics	Pass
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.2.ZQ5.10000039173

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.