

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

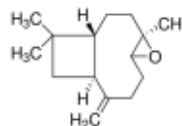
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
(-)-Caryophyllene oxide - 95%

**Product Number:** W509647  
**CAS Number:** 1139-30-6  
**Formula:** C<sub>15</sub>H<sub>24</sub>O  
**Formula Weight:** 220.35 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Initial Melting Point	≥ 53 °C
Final Melting Point	≤ 64 °C
Infrared spectrum	Conforms to Structure
Optical Rotation c = 2%, CHCl <sub>3</sub>	-75.0 - -58.0 deg
Purity (GC)	≥ 94.5 %
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
c = 10%, CHCl <sub>3</sub>	
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 10.0 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.0.ZQ5.10000099632

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.