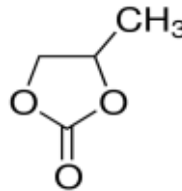


3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Propylene carbonate - for HPLC, 99.7%

Product Number: 414220
CAS Number: 108-32-7
MDL: MFCD00005385
Formula: C₄H₆O₃
Formula Weight: 102.09 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 400nm	≤ 0.01
UV Absorbance 375nm	≤ 0.01
UV Absorbance 350nm	≤ 0.05
UV Absorbance 300nm	≤ 0.30
UV Absorbance 280nm	≤ 0.50
UV Absorbance 235nm	≤ 1.0
Purity (GC)	≥ 99.65 %
Water (by Karl Fischer)	≤ 0.02 %
Residue on Evaporation	≤ 0.0005 %

Specification: PRD.0.ZQ5.10000068802

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. 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.