

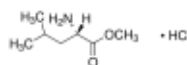
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
L-Leucine methyl ester hydrochloride - 98%

Product Number: **L1002**
CAS Number: 7517-19-3
MDL: MFCD00012494
Formula: C₇H₁₅NO₂ · HCl
Formula Weight: 181.66 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Carbon	45.1 - 47.4 %
Nitrogen	7.4 - 8.0 %
Optical Rotation c = 5%; Water	12.0 - 14.0 deg
Titration with HClO ₄	97.5 - 102.5 %
Solubility (Turbidity) c = 50 mg/ml (5%); Water	Clear to Very Slightly Hazy
Solubility (Color)	Colorless

Specification: PRD.0.ZQ5.10000040882

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.