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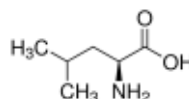
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
L-Leucine - 99%, FG

Product Number: W329703
CAS Number: 61-90-5
MDL: MFCD00002617
Formula: C₆H₁₃NO₂
Formula Weight: 131.17 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Infrared spectrum	Conforms to Structure
HClO ₄ Titration (dry basis)	98.50 - 101.50 %
Optical Rotation (Dry Basis)	14.5 - 16.5 deg
c = 4%, 6N HCl at 20 Degrees Celsius	
Loss on Drying	≤ 0.2 %
Residue on ignition (Ash)	≤ 0.1 %
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 5.0 ppm
(FCC Pb Limit)	
Foreign Insoluble Matter	≤ 0.01 %
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000010308

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.