

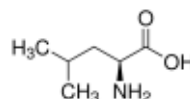
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Product Specification

Product Name:
L-Leucine - reagent grade, ≥98% (HPLC)

Product Number: L8000
CAS Number: 61-90-5
MDL: MFCD00002617
Formula: C₆H₁₃NO₂
Formula Weight: 131.17 g/mol



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
100 mg/ml, 1 M HCl	
Infrared spectrum	Conforms to Structure
Carbon	53.8 - 56.0 %
Nitrogen	10.4 - 11.0 %
Specific Rotation	14.0 - 17.3 °
c = 4, 6 M HCl, 25 deg C	
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
6 years	

Specification: PRD.2.ZQ5.10000036286

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.