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Product Specification

Product Name:

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

Product Number:

L8000

CAS Number:

61-90-5

MDL:

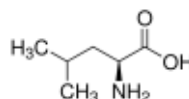
MFCD00002617

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.