

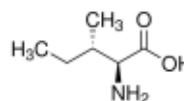
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Product Specification

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

Product Number: **I2752**
CAS Number: 73-32-5
MDL: MFCD00064222
Formula: C₆H₁₃NO₂
Formula Weight: 131.17 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy
50 mg/mL, 1 M NH ₄ OH	
Infrared Spectrum	Conforms to Structure
Carbon	53.8 - 56.0 %
Nitrogen	10.4 - 11.0 %
Specific Rotation	38.9 - 41.8 °
(c = 4, 6 M HCl, 25 deg C)	
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
6 years	

Specification: PRD.1.ZQ5.10000037017

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.