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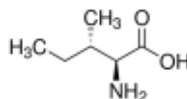
Email USA: techserv@sial.com

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Product Specification

Product Name:
L-Isoleucine - 99%, FCC, FG

Product Number: W527602
CAS Number: 73-32-5
MDL: MFCD00064222
Formula: C₆H₁₃NO₂
Formula Weight: 131.17 g/mol



TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder to Crystalline Powder
Infrared spectrum	Conforms to Structure
Purity (Titration by HClO ₄)	98.5 - 101.5 %
Optical Rotation c = 4%, 6N HCl at 20 Degrees Celsius	38.6 - 41.5 deg
Loss on Drying	≤ 0.30 %
Residue on ignition (Ash)	≤ 0.20 %
Foreign Insoluble Matter	≤ 0.005 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 5 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.4.ZQ5.10000038488

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.