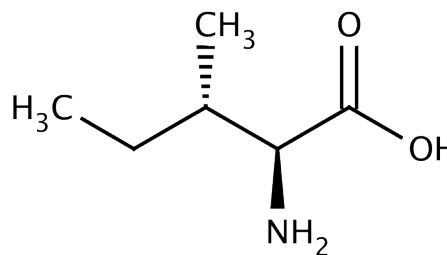


Product Specification

Product Name : L-Isoleucine
Glentham Code : GM6591
CAS Number : 73-32-5
EINECS : 200-798-2
MDL Number : MFCD00064222
PubChem SID : 310275405

Molecular Weight : 131.18
Molecular Formula : C₆H₁₃NO₂
Storage Temp. : +20°C



Property	Specification
Physical Description	White crystals or crystalline powder
Identification	IR
pH (1% in water)	5.5 - 7.0
Specific Optical Rotation	+38.9 - +41.8 °
Residue on Ignition	≤ 0.3%
Loss on Drying	≤ 0.3%
Chloride (Cl)	≤ 500ppm
Iron (Fe)	≤ 30ppm
Sulphate (SO ₄)	≤ 300ppm
Ammonium (NH ₄)	≤ 200ppm
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 3ppm
Arsenic (As ₂ O ₃)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Assay	98.5 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version : v1.0
Date Created : 2014-05-16

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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