

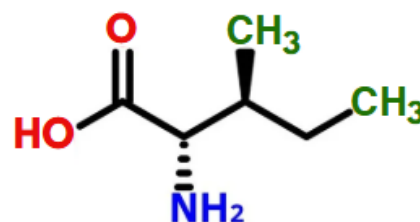


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Product Specification

L-LEUCINE 99% FOR BIOCHEMISTRY

CAT. NO. : 034961
GRADE : LR
CAS NO. : 61-90-5
FORMULA : C₆H₁₃NO₂
M.W. : 131.17



Minimum assay (Non-aqueous)	99.0%
Specific rotation α^{20}_D (C=2 in 5N HCl)	+14° to + 15°
pH (1% solution)	5.5 - 7.0

Maximum limits of impurities:

Loss on drying at 110° C	0.5%
Sulphated ash	0.1%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Ammonium (NH ₄)	0.02%
Iso-leucine	1.0%
Insoluble matter in HCl 1 mol/L	Passes test

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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