

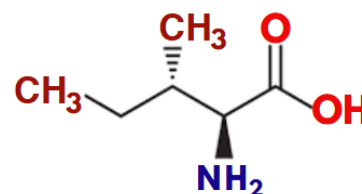


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## Product Specification

# L-iso-LEUCINE 99% FOR BIOCHEMISTRY

**CAT. NO.** : 034746  
**GRADE** : LR  
**CAS NO.** : 73-32-5  
**FORMULA** : C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>  
**M.W.** : 131.17



Minimum assay (Non-aqueous) 99.0%  
 Specific rotation  $\alpha^{20}_D$  (C=2 in 5N HCl) +39° to +41°

### Maximum limits of impurities:

Loss on drying at 110° C	0.5%
Sulphated ash	0.1%
Chloride (Cl)	0.01%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Leucine	1.0%
Ammonium (NH <sub>4</sub> )	0.01%
Homogeneity by TLC	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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