

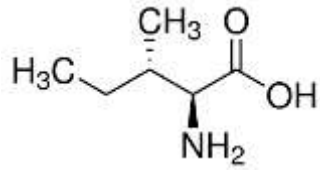


Product Specification

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L-ISO-LEUCINE FOR BIOCHEMISTRY

PRODUCT CODE	037123
SYNONYMS	--
C.I. NO.	--
CASR NO.	(73-32-5)
ATOMIC OR MOLECULAR FORMULA	C₆H₁₃O₂N
ATOMIC OR MOLECULAR WEIGHT	131.17
PROPERTIES	Slightly soluble in water.



PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	Soluble in diluted mineral acids and in alkaline solution.
Minimum Assay (Non-Aqueous)	99.0%
Specific Rotation (α) 20° (C=2 in 5N HCl) D	+ 39° to 41°

MAXIMUM LIMIT 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%
Leucine	1.0%

Note(s): Assay (if applicable) method mentioned.

WARNING	IMDG Code :-- UN No. :-- IATA :--
Hazard statements : Not hazardous. No hazards.	
Precautionary statements	
Prevention: -----	
Response: ---	
Disposal: -----	

Hazard Pictogram(s) : -----

Replace date 30-Apr-2022