

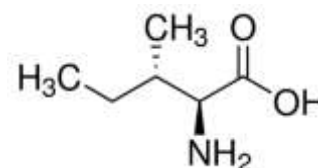


Product Specification

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L-ISO-LEUCINE FOR BIOCHEMISTRY

PRODUCT CODE	037123
SYNONYMS	--
C.I. NO.	--
CASR NO.	(73-32-5)
ATOMIC OR MOLECULARFORMULA	$C_6H_{13}O_2N$
ATOMIC OR MOLECULARWEIGHT	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

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal: -----

Hazard Pictogram(s): -----

IMDG Code :--

UN No. :--

IATA :--

Replace date 30-Apr-2022