



Product Specification

L-ISO-LEUCINE FOR BIOCHEMISTRY

PRODUCT CODE	037123
SYNONYMS	--
C.I. NO.	--
CASR NO.	(73-32-5)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₃ O ₂ N
ATOMIC OR MOLECULAR WEIGHT	131.17
PROPERTIES	Slightly soluble in water.



PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	Soluble in diluted mineral acids and in alkaline solution.
Minimum Assay (Non-Aqueous)	99.0%
Specific Rotation (α) _D ^{20°} (C=2 in 5N HCl)	+ 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 :--