

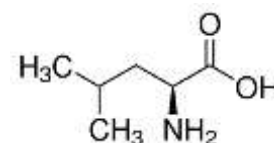


Product Specification

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L-LEUCINE FOR BIOCHEMISTRY

PRODUCT CODE	037121
SYNONYMS	--
C.I. NO.	--
CASR NO.	(61-90-5)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₃ NO ₂
ATOMIC OR MOLECULAR WEIGHT	131.17
PROPERTIES	Optically active.



PARAMETER

Description	A white crystalline powder.
Solubility	Soluble in diluted mineral acids and in alkaline solution.
Minimum Assay (Non-Aqueous)	99.0%
Specific rotation (α) $\frac{20}{D}$ (C=2%, in 5N HCl)	+14° to +15°

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%
Isoleucine	1.0%

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

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal:-- Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) : -----

IMDG Code :--
UN No. :--
IATA :--