

Technical Information

L-Leucine From non-animal source

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1078M

Product Information

Product Code	: TC1078M
Product Name	: L-Leucine From non-animal source, Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: L-2-Amino-4-methylpentanoic acid
Molecular Formula	: C ₆ H ₁₃ NO ₂
Molecular Weight	: 131.17
CAS No.	: 61-90-5

Technical Specification

Appearance	: White to off-white crystals or crystalline powder or shiny flakes.
Solubility	: 33.3 mg soluble in 1 ml of dilute hydrochloric acid.
Minimum assay (HPLC/NT)	: 99.00%
Specific rotation (c = 4% in 6 M HCl at 25°C)	: +14.0° to +17.3°
Chloride (Cl)	: ≤ 0.05%
Iron (Fe)	: ≤ 0.003%
Sulphate (SO ₄)	: ≤ 0.03%
Cell Culture Test	: Passes test.

Risk And Safety Information

WGK	: 1
RTECS	: OH2850000
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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