

Technical Information

L-Isoleucine (From non-animal source)

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

Product Code:TC1049M

Product Information

Product Code	: TC1049M
Product Name	: L-Isoleucine (From non-animal source), Cell Culture Tested
Synonym	: 2-Amino-3-methylpentanoic acid
Molecular Formula	: C ₆ H ₁₃ NO ₂
Molecular Weight	: 131.17
CAS No.	: 73-32-5

Technical Specification

Appearance	: White to off white crystals or shiny flakes or crystalline powder.
Solubility	: 5% solution in 1M hydrochloric acid in clear and colourless.
Minimum assay (NT)	: 99.00-101.00%
pH (1% solution in water)	: 5.50 -7.00
Melting range	: 283 - 293°C
Specific Rotation [α] 20/D	: +38.9° to +41.8°
Loss on drying (105°C; 3 h)	: ≤ 0.5%
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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