

Technical Information

L-Phenylalanine (From non-animal source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing Specifications

Product Code:TC1098M

Product Information

Product Code	: TC1098M
Product Name	: L-Phenylalanine (From non-animal source) Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing Specifications
Molecular Formula	: C ₉ H ₁₁ NO ₂
Molecular Weight	: 165.19
CAS No.	: 63-91-2

Technical Specification

Appearance	: White crystalline powder.
Solubility	: 2% solution in water is clear and colourless.
Minimum Assay (ex N, Non-aqueous)	: 99.0%
Specific rotation _D ²⁰ (c = 2, in water)	: -35° to -33°
Loss on drying at 110°C	: <= 0.5%
Sulphated ash	: <= 0.1%
Iron (Fe)	: <= 0.001%
Lead (Pb)	: <= 0.001%
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.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.