

## Technical Information

### L- Phenylalanine Plant Culture Tested

Product Code: PCT1316

#### Product Information

Product Code	: PCT1316
Product Name	: L-Phenylalanine, Plant Culture Tested
Molecular Formula	: $C_9H_{11}NO_2$
Molecular Weight	: 165.19
CAS No	: 63-91-2

#### Technical Specification

Appearance	: White to off-white crystals or crystalline powder or shiny flakes.
Solubility	: Soluble in hot water.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus Matches
Specific rotation	: -35.5° to -33.0° (c = 2% in water at 20°C)
Assay (HPLC/NT)	: 99.00-102.00%

#### Risk And Safety Information

WGK	: 1
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.