

Technical Information

L-Cystine Plant Culture Tested

Product Code: PCT1306

Product Information

Product Code	: PCT1306
Product Name	: L-Cystine, Plant Culture Tested
Molecular Formula	: C ₆ H ₁₂ N ₂ O ₄ S ₂
Molecular Weight	: 240.30
CAS No.	: 56-89-3

Technical Specification

Appearance	: Colourless or white to off-white crystals or crystalline powder
Solubility	: 33.3 mg soluble in 1 mL of dilute hydrochloric acid
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
Specific rotation (c = 2% in 1M HCl)	: -224.0° to -209.0°
Loss on drying (at 105°C, 3 hr)	: ≤ 0.50%
Minimum assay (Iodometry, on dry basis)	: 99.00 %

Risk And Safety Information

WGK	: 3
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.