

Technical Information

L-Serine Plant Culture Tested

Product Code: PCT1318

Product Information

Product Code	: PCT1318
Product Name	: L-Serine, Plant Culture Tested
Molecular Formula	: $C_3H_7NO_3$
Molecular Weight	: 105.09
CAS No.	: 56-45-1

Technical Specification

Appearance	: White to off-white crystals or crystalline powder or needles
Solubility	: Soluble in 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
Specific rotation(c = 10% in 2 M HCl at 20°C)	: +14.0° to +15.6°
Minimum assay (NT)	: 99.00 %

Risk And Safety Information

WGK	: 1
RTECS	: VT8100000
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.