

Technical Information

L-Serine (From non-animal source) Cell Culture Tested

Product Code:TC1113

Product Information

Product Code	: TC1113
Product Name	: L-Serine (From non-animal source), Cell Culture Tested
Molecular Formula	: C ₃ H ₇ NO ₃
Molecular Weight	: 105.09
CAS No.	: 56-45-1

Technical Specification

Appearance	: White to off-white crystals or crystalline powder or needles.
Solubility	: 5% solution in water is clear and colorless to faint yellow.
Minimum assay (NT, on dry basis)	: 98.50%
pH (2.5 % in water at 25°C)	: 5.00 - 6.50
Specific rotation (c = 10% in 2N HCl at 20°C)	: +14.0° to +15.6°
Chloride (Cl)	: <= 0.05%
Iron (Fe)	: <= 0.003%
Sulfate (SO ₄)	: <= 0.03%
Residue on Ignition	: <= 0.1%
Loss on drying (105°C, 3 hr)	: <= 0.2%
Cell Culture Test	: Passes test

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.