

Technical Information

L-Ascorbic Acid Plant Culture Tested

Product Code: PCT1207

Product Information

Product Code	: PCT1207
Product Name	: L-Ascorbic acid, Plant Culture Tested
Synonym	: Vitamin C
Molecular Formula	: $C_6H_8O_6$
Molecular Weight	: 176.12
CAS No.	: 50-81-7

Technical Specification

Appearance	: Colourless or white to pale yellow crystalline powder.
Solubility	: 10% solution in water is clear and almost colourless.
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	: $+19.0^\circ$ to $+23.0^\circ$ (c = 10% in H_2O at $25^\circ C$)
Melting range	: $190 - 194^\circ C$ (dec.)
Minimum assay (Iodimetry)	: 99.00 %

Risk And Safety Information

WGK	: 1
RTECS	: C17650000
Storage Temperature($^\circ C$)	: Store below $30^\circ C$

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.

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