

Technical Information

L-Ascorbic Acid Cell Culture Tested

Product Code:TC1094

Product Information

Product Code	: TC1094
Product Name	: L-Ascorbic Acid, Cell Culture Tested
Synonym	: L-Threoascorbic acid, Antiscorbutic factor, 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.
Minimum assay (Iodometric)	: 99.00 %
pH of 5% solution water	: 2.2 – 2.5
Specific rotation $[\alpha]^{20}_D$ (C=10% in water)	: +20.5° to +21.5°
Residue on Ignition	: $\leq 0.1\%$
Iron (Fe)	: $\leq 0.0002\%$
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
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.

Replace date 25-Nov-2025