

PCT0207 L-Ascorbic acid, Plant Culture Teted

Product Number

Packing

PCT0207	: 100G
PCT0207	: 50G

Product Information

Product Code	: PCT0207
Product Name	: L-Ascorbic acid, Plant Culture Teted
Synonym	: Vitamin C
Molecular Formula	: C ₆ H ₈ O ₆
Molecular Weight	: 176.12
CAS No.	: 50-81-7
EC No.	: 200-066-2
HS Code	: 2936 27 00
Shelf Life	: 3 years

Technical Specification

Appearance	: White to pale yellow crystals or powder
Solubility	: 100 mg soluble in 1 mL of water
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
FTIR (KBr disc)	: Matches with the standard pattern.
Specific rotation	: +19.0° to +23.0°(c = 10% in H ₂ O at 25°C)
Melting range	: 190 - 194°C (dec.)
Assay (Iodimetry)	: 99.00 - 101.50%

Risk and Safety Information

WGK	: 1
RTECS	: CI7650000
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