

Technical Information

Citric Acid Anhydrous Plant Culture Tested

Product Code: PCT1501

Product Information

Product Code	: PCT1501
Product Name	: Citric Acid Anhydrous, Plant Culture Tested
Molecular Formula	: C ₆ H ₈ O ₇
Molecular Weight	: 192.12
CAS No.	: 77-92-9

Technical Specification

Appearance	: A white crystalline powder, colourless crystals or granules.
Solubility	: 10% solution in water is clear and colourless.
Reaction	: Reaction of 1 M aqueous solution at 25°C.
pH (5% in water at 25°C)	: 1.00 - 3.00
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
Chloride (Cl)	: ≤ 0.0005%
Calcium (Ca)	: ≤ 0.002%
Arsenic (As)	: ≤ 0.00001%
Lead (Pb)	: ≤ 0.0001%
Iron (Fe)	: ≤ 0.0001%
Sulphated ash	: ≤ 0.01%
Sulphate (SO ₄)	: ≤ 0.002%
Copper (Cu)	: ≤ 0.00005%
Minimum assay (Acidimetric; calc onanhyd. Sub.)	: 99.70 %

Risk And Safety Information

R-Phrase(s)	: 41
S-Phrase(s)	: 26-39
WGK	: --
RTECS	: GE7350000
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

Plant Culture
Tested



Product Specification

cdhfinechemical.com

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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