

Technical Information

Calcium Phosphate Tribasic Plant Culture Tested

Product Code: PCT1006

Product Information

Product Code	: PCT1006
Product Name	: Calcium phosphate tribasic, Plant Culture Tested
Molecular Formula	: $\text{Ca}_3(\text{PO}_4)_2$
Molecular Weight	: 310.20
CAS No.	: 7758-87-4

Technical Specification

Appearance	: White amorphous odourless powder.
Solubility	: Soluble in HCL. Insoluble in water.
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)	: ≤ 0.1%
Heavy metals	: ≤ 0.004%
Arsenic (As)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.02%
Water (H ₂ O)	: ≤ 2.5%
Water soluble substance	: ≤ 0.5%
Sulphate (SO ₄)	: ≤ 0.6%
Acid insoluble substance	: ≤ 0.3%
Loss on ignition (at 800°C)	: ≤ 8.0%
Minimum Assay	: 90.00 %

Risk And Safety Information

S-Phrase(s)	: 22-24/25
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



**Plant Culture
Tested**



Product Specification

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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.
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