

PCT0901 Agar, Plant Culture Tested

Product Number Packing

PCT0901	: 1KG
PCT0901	: 25KG
PCT0901	: 500G
PCT0901	: 5KG

Product Information

Product Code	: PCT0901
Product Name	: Agar, Plant Culture Tested
CAS No.	: 9002-18-0
Shelf Life	: 4 years

Technical Specification

Appearance	: Cream coloured, homogeneous, free flowing powder
Gelling	: A firmly solid, clear to slightly opalescent gel is formed at a concentration of 1.5% at 38-40°C
Solubility	: Freely soluble in water at temperatures above 85°C.
Reaction	: Reaction of 1.5% w/v aqueous solution at 25 °C
pH	: min. 5.00 max. 7.00
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
Total Nitrogen	: <= 2.0%
Heavy metals (as Pb)	: <= 0.0005%
Loss on drying	: <=10.0%
Mesh size	: 100
Gelling strength	: 800-1100 GM/CM ²
Gelling temperature	: 38-40°C

Risk and Safety Information

Storage Temperature(°C)	: Store below 30°C
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Transport Information

ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods