

PCT0205 Folic acid, Plant Culture Tested**Product Number Packing**

PCT0205	: 100G
PCT0205	: 10G
PCT0205	: 5G

Product Information

Product Code	: PCT0205
Product Name	: Folic acid, Plant Culture Tested
Synonym	: Vitamin M; Vitamin B ₉
Molecular Formula	: C ₁₉ H ₁₉ N ₇ O ₆
Molecular Weight	: 441.40
CAS No.	: 59-30-3
EC No.	: 200-419-0
HS Code	: 2936 29 00
Shelf Life	: 3 years

Technical Specification

Appearance	: Yellow to orange crystals or powder
Solubility	: 33.3 mg soluble in 1 mL of dilute sodium hydroxide solution
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
FTIR (KBr disc)	: Matches with the standard pattern
Water (K.F.)	: ≤8.50%
Magnesium (Mg)	: ≤0.0005%
Calcium (Ca)	: ≤0.001%
Heavy metals (as Pb)	: ≤0.0005%
Iron (Fe)	: ≤0.0005%
Cadmium (Cd)	: ≤0.0005%
Copper (Cu)	: ≤0.0005%
Manganese (Mn)	: ≤0.0005%
Assay (HPLC; anhydrous basis)	: 98.00 - 102.00 %

Risk and Safety Information

WGK	: 1
RTECS	: LP5425000
Storage Temperature(°C)	: Store at 2 - 8°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods



Product Information

IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods

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