

PCT0831 Indole-3-propionic acid (IPA), Plant Culture Tested

Product Number Packing

PCT0831 : 5G
PCT0831 : 25G

Product Information

Product Code : PCT0831
Product Name : Indole-3-propionic acid (IPA), Plant Culture Tested
Synonym : 3-(3-Indolyl)propionoic acid
Molecular Formula : $C_{11}H_{11}NO_2$
Molecular Weight : 189.21
CAS No. : 830-96-6
EC No. : 212-600-1
HS Code : 2933 99 80
Shelf Life : 3 years

Technical Specification

Appearance : White to yellow to brown crystals or powder
Solubility : 33.3 mg soluble in 1 mL of NaOH/ethanol
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
Melting range : 130 - 136°C
Assay (NaOH Titration) : 97.00 - 103.00 %

Risk and Safety Information

WGK : 3
RTECS : NM1329000
Storage Temperature(°C) : Store at 2 - 8°C

Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods