

PCT1407 **IPA solution**
w/ 1 mg/ml IPA in sterile distilled water
Sterile Filtered; Plant Culture Tested

Product Number	Packing
PCT1407	: 5X20ML

Product Information

Product Code	: PCT1407
Product Name	: IPA solution
Synonym	: 3-(3-Indolyl)propionic acid; Indole-3-propionic 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	: 13 months
Other Information	: Plant growth regulator

Technical Specification

Appearance	: Colourless to slight yellow tint liquid
Clarity	: Clear solution
pH (as such)	: 10.00 - 12.00
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
FTIR (KBr disc)	: Matches with the standard pattern
Concentration	: 1 mg/ml
Assay (NaOH Titration)	: min. 97.00 % max. 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