

**PCT1404**      **IAA solution**  
**w/ 1 mg/ml IAA in sterile distilled water**  
**Sterile Filtered; Plant Culture Tested**

Product Number	Packing
PCT1404	: 5X20ML

## Product Information

Product Code	: PCT1404
Product Name	: IAA solution
Synonym	: Indole-3-acetic acid
Molecular Formula	: $C_{10}H_9NO_2$
Molecular Weight	: 175.18
CAS No.	: 87-51-4
EC No.	: 201-748-2
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)	: 11.00 - 13.00
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.
Concentration	: 1 mg/ml
Assay (NaOH Titration/HPLC)	: min. 99.00 % max. 102.00 %

## Risk and Safety Information

WGK	: 3
RTECS	: NL3150000
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