

Technical Information

IPA Solution
w/ 1 mg/ml IPA in sterile distilled water Sterile filtered
Plant Culture Tested

Product Code: PCT2407

Product Information

Product Code	: PCT2407
Product Name	: IPA Solution w/ 1 mg/ml IPA in sterile distilled water Sterile filtered, Plant Culture Tested
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

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 (HPLC)	: 97.00-103.00%

Risk And Safety Information

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

Transport Information

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

Plant Culture
Tested



Product Specification

cdhfinechemical.com

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.

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