CDH

Product Specification

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Technical Information

Indole-3-Acetic Acid (IAA)

Plant Culture Tested

Product Code: PCT1803

Product Information

Product Code	: PCT1803
Product Name	: Indole-3-Acetic Acid, Plant Culture Tested
Synonym	: Heteroauxine
Molecular Formula	: $C_{10}H_9NO_2$
Molecular Weight	: 175.19
CAS No.	: 87-51-4

Technical Specification

Appearance	: White to yellow to brown crystals or powder.
Solubility	: 100 mg soluble in 1 ml of alcohol, sodium hydroxide.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2ºC), 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.
Melting Range	: 165 - 169°C
Minimum assay (NaOH Titration/HPLC)	: 99.00 %

Risk and Safety Information

S-Phrase(s)	: 22-24/25
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

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.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.