

Technical Information

N⁶-(2-Isopentenyl) adenine;(2iP) Plant Culture Tested

Product Code: PCT1807

Product Information

Product Code	: PCT1807
Product Name	: N ⁶ -(2-Isopentenyl) adenine;(2iP), Plant Culture Tested
Synonym	: [6-(g-g-Dimethylallylamino)purine]
Molecular Formula	: C ₁₀ H ₁₃ N ₅
Average Molecular Weight	: 203.24
CAS No.	: 2365-40-4

Technical Specification

Appearance	: White to tan crystals or powder.
Solubility	: Soluble in 1N sodium hydroxide solution.
Minimum Assay (GC/NT)	: 98.00%
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.
Melting range	: 190 - 212°C

Risk And Safety Information

WGK	: 3
RTECS	: --
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



**Plant Culture
Tested**



Product Specification

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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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