

## Technical Information

### Zeatin Plant Culture Tested

Product Code: PCT1813

#### Product Information

Product Code	: PCT1813
Product Name	: Zeatin, Plant Culture Tested
Molecular Formula	: $C_{10}H_{13}N_5O$
Molecular Weight	: 219.24
CAS No.	: 1637-39-4

#### Technical Specification

Appearance	: White to yellow crystals or crystalline powder.
Solubility	: 33.3 mg soluble in 1 ml of 1M NaOH.
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	: 208 - 210°C
Minimum assay (HPLC/T)	: 99.00%

#### 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

#### 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.