

**PCT0813**

**Zeatin, Plant Culture Tested**

## Product Number

## Packing

PCT0813	: 100MG
PCT0813	: 1G
PCT0813	: 250MG

## Product Information

Product Code	: PCT0813
Product Name	: Zeatin, Plant Culture Tested
Molecular Formula	: $C_{10}H_{13}N_5O$
Molecular Weight	: 219.24
CAS No.	: 1637-39-4
HS Code	: 2933 59 95
Shelf Life	: 2 years

## Technical Specification

Appearance	: White to yellow crystals or 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
Assay (HPLC)	: min. 99.00%

## Risk and Safety Information

WGK	: 3
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