# Product Information

## PCT0813  Zeatin, Plant Culture Tested

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT0813</td>
<td>100MG</td>
</tr>
<tr>
<td>PCT0813</td>
<td>1G</td>
</tr>
<tr>
<td>PCT0813</td>
<td>250MG</td>
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</tbody>
</table>

## 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±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**: 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