## Product Information

### Product Number

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT0608</td>
<td>1G</td>
</tr>
<tr>
<td>PCT0608</td>
<td>10G</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Product Code</th>
<th>PCT0608</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>α - Cyclodextrin, Plant Culture Tested</td>
</tr>
<tr>
<td>Synonym</td>
<td>Cyclomaltohexaose; Cyclohexaamylose</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>C₃₆H₆₀O₃₀</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>972.84</td>
</tr>
<tr>
<td>CAS No.</td>
<td>10016-20-3</td>
</tr>
<tr>
<td>EC No.</td>
<td>233-007-4</td>
</tr>
<tr>
<td>HS Code</td>
<td>2940 00 00</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

### Technical Specification

- **Appearance**: White powder
- **Solubility**: 10 mg soluble in 1 mL of water
- **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
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Specific rotation**: +143.0 to +153.0° (c = 1% in water at 20°C)
- **Water (K.F.)**: <= 14.50%
- **Assay (HPLC)**: min. 98.00%

### Risk and Safety Information

- **WGK**: 3
- **RTECS**: GU2292000
- **Storage Temperature(°C)**: Store below 30°C

### Transport Information

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods