### Product Information

<table>
<thead>
<tr>
<th><strong>Product Number</strong></th>
<th><strong>Packing</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT0603</td>
<td>500G</td>
</tr>
</tbody>
</table>

### Product Code: PCT0603

- **Product Name**: D-(+)-Glucose anhydrous, Plant Culture Tested
- **Molecular Formula**: C₆H₁₂O₆
- **Molecular Weight**: 180.16
- **CAS No.**: 50-99-7
- **EC No.**: 200-075-1
- **HS Code**: 1702 30 50
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: White crystals or powder or granules
- **Solubility**: 100 mg soluble in 1 mL of water
- **Clarity**: 10% w/v aqueous solution is clear and colourless
- **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
- **Specific rotation**: +52.5° to +53.3° (c = 10% in water at 25°C)
- **Melting range**: 150 - 152°C
- **Chloride (Cl)**: ≤ 0.0125%
- **Sulfate (SO₄)**: ≤ 0.02%
- **Water (K.F.)**: ≤ 1.0%
- **Assay (GC/HPLC)**: min. 99.50%

### Risk and Safety Information

- **WGK**: 1
- **RTECS**: LZ6600000
- **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

---

The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such Information or with respect to any product, method or apparatus referred to herein.