### Product Information

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>PCT0614</td>
<td>5G</td>
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<tr>
<td>PCT0614</td>
<td>25G</td>
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#### Product Information

- **Product Code**: PCT0614
- **Product Name**: D(-)-Ribose, Plant Culture Tested
- **Molecular Formula**: C₅H₁₀O₅
- **Molecular Weight**: 150.13
- **CAS No.**: 50-69-1
- **EC No.**: 200-059-4
- **HS Code**: 2940 00 00
- **Shelf Life**: 4 years

#### Technical Specification

- **Appearance**: White to light beige crystals or powder
- **Solubility**: 100 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
- **Specific rotation**: -21.0° to -18.5° (c = 2% in water at 20°C)
- **Melting range**: 88 - 92°C
- **Assay (GC/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