PCT0823 2,3,5-Triiodobenzoic acid (TIBA), Plant Culture Tested

<table>
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<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>PCT0823</td>
<td>5G</td>
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**Product Information**

- **Product Code**: PCT0823
- **Product Name**: 2,3,5-Triiodobenzoic acid (TIBA), Plant Culture Tested
- **Synonym**: TIBA
- **Molecular Formula**: C_7H_3I_3O_2
- **Molecular Weight**: 499.81
- **CAS No.**: 88-82-4
- **EC No.**: 201-859-6
- **HS Code**: 2916 39 00
- **Shelf Life**: 3 years

**Technical Specification**

- **Appearance**: Off-white to brown powder
- **Solubility**: 33.3 mg soluble in 1 mL sodium hydroxide solution
- **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
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting range**: 220 - 234°C
- **Assay (NaOH Titration/HPLC)**: 98.00 - 102.00%

**GHS Safety Information**

- **Hazard Statement(s)**: H302
- **Signal Word**: Warning
- **Hazard Pictogram(s)**

**Risk and Safety Information**

- **R-Phrase(s)**: 22
- **S-Phrase(s)**: 22-26-36
- **WGK**: 3
- **RTECS**: DH9275000
- **Storage Temperature(°C)**: Store at 2 - 8°C
- **Hazard Symbol(s)**

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.
### Transport Information

<table>
<thead>
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<tbody>
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<tr>
<td>ADR/RID</td>
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