**PCT1102  Carbenicillin disodium salt**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT1102</td>
<td>10G</td>
</tr>
<tr>
<td>PCT1102</td>
<td>1G</td>
</tr>
<tr>
<td>PCT1102</td>
<td>250MG</td>
</tr>
<tr>
<td>PCT1102</td>
<td>5G</td>
</tr>
</tbody>
</table>

**Product Information**

- **Product Code**: PCT1102
- **Product Name**: Carbenicillin disodium salt
- **Synonym**: α-Carboxybenzyl penicillin, disodium salt.
- **Molecular Formula**: \( C_{17} H_{16} N_{2} O_{6} SNa_{2} \)
- **Molecular Weight**: 422.37
- **CAS No.**: 4800-94-6
- **Shelf Life**: 3 years

**Technical Specification**

- **Appearance**: White coloured powder.
- **Solubility**: Soluble in distilled water.
- **Cultural response**: Potency of Carbenicillin is determined by preparing discs of 100 mcg and measuring average diameter of zone of inhibition observed on Mueller Hinton Agar (M173) after 18 hours incubation at 35-37°C for standard cultures.
- **Zone of inhibition (mm)**:
- **Cultural response**: Potency of Carbenicillin is determined by preparing discs of 100 mcg and measuring average diameter of zone of inhibition observed on Mueller Hinton Agar (M173) after 18 hours incubation at 35-37°C for standard cultures.
- **Shoot culture**: No structural deformity observed.
- **Callus culture**: No necrotic tissues, actively growing callus, no toxicity to callus.
- **Potency**: \( \geq 770.00 \mu g/mg \)

**Risk and Safety Information**

- **R-Phrase(s)**: 42/43
- **S-Phrase(s)**: 22-36/37
- **RTECS**: ON 9105000
- **Storage Temperature\(^\circ\)C**: Store at 2 - 8\(^\circ\)C
- **Hazard Symbol(s)**: 

**Transport Information**

- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

A-516, Swastik Disha Business Park, Via Vadhanil Indl. Est., LBS Marg, Mumbai-400 086, India. Phone:+91-022-6147 1919 Fax:+91-022-6147 1920 Gram : STERILITY, email : info@himedia.com, Visit us at our website: www.himedialabs.com

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.