

**PCT1102 Carbenicillin disodium salt****Product Number Packing**

PCT1102	: 10G
PCT1102	: 1G
PCT1102	: 250MG
PCT1102	: 5G

**Product Information**

Product Code	: PCT1102
Product Name	: Carbenicillin disodium salt
Synonym	: $\alpha$ -Carboxybenzyl penicillin, disodium salt.
Molecular Formula	: $C_{17}H_{16}N_2O_6SNa_2$
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	: $\geq 770.00 \mu\text{g}/\text{mg}$

**Risk and Safety Information**

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

**Transport Information**

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