

## Technical Information

### Carbenicillin Disodium Salt Plant Culture Tested

Product Code: PCT2102

#### Product Information

Product Code	: PCT2102
Product Name	: Carbenicillin Disodium Salt, Plant Culture Tested
Synonym	: $\alpha$ -Carboxybenzyl penicillin, disodium salt.
Molecular Formula	: $C_{17}H_{16}N_2O_6SNa_2$
Molecular Weight	: 422.36
CAS No.	: 4800-94-6

#### Technical Specification

Appearance	: White to off white 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 (DM1173) after 18 hours incubation at 35-37°C for standard cultures.
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Shoot culture	: No structural deformity observed.
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus.
Potency	: $\geq 770.00 \mu\text{g}/\text{mg}$
Minimum assay (Anhydrous basis)	: 90%

#### Risk And Safety Information

R-Phrase(s)	: 42/43
S-Phrase(s)	: 22-36/37
WGK	: --
RTECS	: ON 9105000
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



Plant Culture  
Tested



## Product Specification

[cdhfinechemical.com](http://cdhfinechemical.com)

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.