

Product Specifications



SCIENTIFIC

800-253-4942 • IBISCI.com

An ISO 9001 Certified Company

CARBENICILLIN Disodium Salt

Product Number

	Size
IB02010	1gm
IB02020	5gm
IB02025	25gm

PHYSICAL SPECIFICATIONS

Molecular Formula	$C_{17}H_{16}N_2Na_2O_6S$
Molecular Weight	422.36
pH (10mg/ml in H ₂ O)	6.5 - 8.0
Appearance	White or off-white
Water Content (K.F.)	≤ 6%
Assay (on dried basis)	≥ 700µg/mg

STORAGE

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Carbenicillin Solution in a light tight container at -20°C.

RECOMMENDED USE

IBI Carbenicillin is an antibiotic which inhibits bacterial cell wall synthesis, activity against gram-positive and gram-negative bacteria, and for cell culture media applications. Recommended use is 100mg/ml.

Note: Stock solution of antibiotics dissolved in H₂O should be sterilized by filtration through a 0.22 micron filter.

CAS NO.

CAS# 4800-94-6

WARNING

Classification: Skin Sensitizer - 1B
Respiratory Sensitizer - 1B

Hazard Statements: H317-May cause an allergic skin reaction • H334-May cause allergy or asthma symptoms or breathing difficulties inhaled.

Precautionary Statements: P280-Wear protective gloves/protective clothing/eye protection/face protection • P302+P352-IF ON SKIN: Wash with plenty of water • P304+P341-IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



WARNING!

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.