

# Product Specifications



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## AMPICILLIN Sodium Salt

Product Number

IB02040

Size

25gm

CAS NO.

CAS#

69-52-3

### PHYSICAL SPECIFICATIONS

Molecular Formula	$C_{16}H_{18}N_3NaO_4S$
Molecular Weight	371.39
pH (1%, water)	$9.0 \pm 1.0$
Moisture	Max. 2.0%
Antibiotic Inhibition/Sensitivity Assay	Pass

### STORAGE

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

### RECOMMENDED USE

IBI Ampicillin used in the following working conditions:

#### Working Concentration

Stringent	Relaxed
Plasmids	Plasmids
20µg/ml	60µg/ml

	Stock Solution
Ampicillin	50mg/ml in H <sub>2</sub> O

**Note:** Stock solution of antibiotics dissolved in H<sub>2</sub>O should be sterilized by filtration through a 0.22 micron filter.

### WARNING

**Classification:** Respiratory Sensitization - 1  
Skin Sensitization - 2

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

**Precautionary Statements:** P261-Avoid breathing dust/fume/gas/mist/vapors/spray • P272-Contaminated work clothing should not be allowed out of the workplace • P280-Wear protective gloves/protective clothing/eye protection/face protection • P285-In case of inadequate ventilation wear respiratory 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 • P321-Specific treatment (see supplemental first aid instructions on this label) • P333+P313-If skin irritation or rash occurs: Get medical advice/attention • P342+P311-If experiencing respiratory symptoms: Call POISON CENTER or doctor/physician • P501-Dispose of contents/container to an approved waste disposal plant.



**DANGER!**

**FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY**

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