



## Specification

### Carbenicillin Disodium Salt USP

**Catalog Number:** CD1001  
**CAS Number:** 4800-94-6  
**Molecular Formula:**  $C_{17}H_{16}N_2Na_2O_6S$   
**Molecular Weight:** 422.36  
**Storage:** 2°C – 8°C  
**Retest Period:** Three years from the date of manufacture

Test	Specification
Appearance	White to off-white powder
Assay	≥ 88.0%
Potency <sup>1</sup>	≥ 770mcg/mg
Identification (Sodium Reaction) <sup>1</sup>	To meet requirements
Solubility (50mg/mL)	Clear, colorless to faint yellow
pH (10mg/mL) <sup>1</sup>	6.0 – 7.5
Moisture (KF) <sup>1</sup>	≤ 6.0%
Benzyl Penicillin Sodium	≤ 5.0%
Endotoxins <sup>1</sup>	≤ 0.05EU/mg
All lots meet the specifications for USP39.	

Approved:

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