

Product Specification

Product Name: Carbenicillin disodium
alpha-Carboxybenzylpenicillin disodium salt

Item Nr.: 1039 MW: 422.37 g/mol C₁₇H₁₆N₂O₆S*Na₂
CAS Nr.: 4800-94-6 E.C.Nr.: EINECS: 225-360-8

Parameter	Methode	Specification	Unit
Appearance	visual	White to yellowish powder	
Solubility	5% in H ₂ O/MeOH 1:1	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	<5	
Assay	IR Spec on dried basis	>90.0	%
Benzylpenicillin Sodium	HPLC	<5	%
Iodine-Absorbing Substances		<8.0	%
pH	10% in H ₂ O	6.0 - 8.0	
Pyrogens		<80	mg/kg
Water	KF	<6.0	%

Storage: Keep well closed at 4 °C in a dark and dry place. Aqueous solutions are stable for up to 24 hours at room temperature and for up to 72 hours when stored at 2-6° C. Solutions can be stored for 12 months at a stable -20° C.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/11.06.2025