

Certificate of Analysis

PRODUCT: **Carbenicillin Disodium Salt**
[α -Carboxybenzylpenicillin disodium salt; Anabactyl, BRL-2064; Carbecin; Carboxybenzylpenicillin Sodium; CP-15-639-2; Fugacillin; Geopen]
C₁₇H₁₆N₂Na₂O₆S, M.W. 422.36, CAS# [4800-94-6]

PRODUCT NUMBER: C-1385

LOT NUMBER: L1495

APPEARANCE: White to off-white powder

SOLUBILITY (50mg/mL H₂O): Clear and slightly yellow solution

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
IDENTIFICATION:	Positive	Conforms
ASSAY (on dried basis):	≥88.0%	94.3%
POTENCY (on dried basis):	≥770 µg/mg	845 µg/mg
CHROMATOGRAPHIC PURITY (HPLC):	≥92%	97.7%
WATER:	≤6.0%	2.9%
pH:	6.0 – 7.5	7.2
IODINE ABSORBING SUBSTANCES:	≤8.0%	Conforms
BENZYL PENICILLIN SODIUM:	≤5.0%	0.17
PYROGENS:	≤80mg/Kg	Conforms
COUNTRY of ORIGIN:	China	
STORAGE & HANDLING:	Store at +4°C. Packaged under inert gas.	

HYGROSCOPIC! WARNING: HARMFUL!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: PC