

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: L1564
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%	0.03
BENZYL PENICILLIN SODIUM:	≤5.0%	0.17
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