

CERTIFICATE of ANALYSIS

PRODUCT: **Carbenicillin Disodium Salt**
 [α -Carboxybenzylpenicillin disodium salt; Anabactyl, BRL-2064; Carbecin; Carboxybenzylpenicillin Sodium; CP-15-639-2; Fugacillin; Geopen]
 $C_{17}H_{16}N_2Na_2O_6S$, M.W. 422.36, CAS# [4800-94-6]

PRODUCT NUMBER: C-1385
LOT NUMBER: H1271J
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):	$\geq 88.0\%$	94.0%
POTENCY (on dried basis):	$\geq 770 \mu\text{g}/\text{mg}$	842 $\mu\text{g}/\text{mg}$
WATER:	$\leq 6.0\%$	2.2%
CHROMATOGRAPHY PURITY(HPLC):	≥ 92.0	98.0%
pH:	6.5 – 8.0	6.6
IODINE ABSORBING SUBSTANCES:	$\leq 8.0\%$	Conforms
BENZYL PENICILLIN SODIUM:	$\leq 5.0\%$	0.38%
PYROGENS:	$\leq 80\text{mg}/\text{Kg}$	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: KLS