



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: B1758

APPEARANCE: White to off-white powder

| | <u>SPECIFICATIONS:</u> | <u>RESULTS:</u> |
|---|---|---------------------------------------|
| IDENTIFICATION: | Positive | Conforms |
| WATER: | < 6.0% | 1.9% |
| pH: | 6.0 – 7.5 | 6.8 |
| SOLUBILITY: | Clear and slightly yellow solution in 50mg/mL H ₂ O | Clear and slightly yellow solution |
| IODINE ABSORBING SUBSTANCES: | < 8.0% | 4.0% |
| BENZYL PENICILLIN SODIUM: | < 5.0% | Pass |
| PYROGENS: | < 80mg/Kg | Conforms |
| ASSAY (on dried basis): | > 92.0% | 93.0% |

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POTENCY (on dried basis): > 800 $\mu\text{g}/\text{mg}$ 830 $\mu\text{g}/\text{mg}$

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: KT