

Certificate of Analysis

Carbenicillin, Disodium Salt

Product No. 10177012, 11568616

Lot No. 35180623

Date of Manufacture 31-Mar-2023

Unit size: 5 grams

Concentration: Powder

Appearance

Specification: White to off-white powder

Result: Meets specification.

Identification

Specification: Positive

Result: Meets specification.

Solubility

Specification: Clear and slightly yellow solution (50 mg/ml in H₂O).

Result: Meets specification.

Assay (on dried basis)

Specification: ≥ 92.0%

Result: Meets specification.

Iodine absorbing substances

Specification: ≤ 8.0%

Result: Meets specification.

Benzylpenicillin Sodium

Specification: $\leq 5.0\%$

Result: Meets specification.

Pyrogens

Specification: ≤ 80 mg/kg

Result: Meets specification.

Potency (on dried basis)

Specification: ≥ 800 $\mu\text{g}/\text{mg}$

Result: Meets specification.

Water content (KF)

Specification: $\leq 6.0\%$

Result: Meets specification.

pH

Specification: 6.0-7.5

Result: Meets specification.

For Research Use Only. Not for use in diagnostic procedures.

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Issued on 23-Jun-2023