

Certificate of Analysis



SCIENTIFIC

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CARBENICILLIN Disodium Salt

PRODUCT NUMBER

IB02010 _____ 1gm
IB02020 _____ 5gm
IB02025 _____ 25gm

LOT NO.

Lot# _____ 23E3002

STORAGE

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Carbenicillin Solution in a light tight container at -20°C.

CAS NO.

CAS# _____ 4800-94-6

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance, white to off-white crystalline powder	PASS / FAIL	PASS	PASS
Assay	> 88.0%	95.1%	PASS
Potency (USP)	> 770 µg/mg	852 µg/mg	PASS
Chromatographic Purity (HPLC)	> 92.0%	96.4%	PASS
Identification (Sodium)	PASS / FAIL	PASS	PASS
Solubility (50 mg/mL)	Clear, colorless to faint yellow	Clear, colorless to faint yellow	PASS
pH (10 mg/mL)	6.0 - 8.0	6.6	PASS
Moisture (KF)	< 6.0%	3.14%	PASS
Benzyl penicillin sodium	< 5.0%	0.15%	PASS
Iodine Absorbing Substances	< 8.0%	1.4	PASS
Endotoxin	< 0.05 EU/mg	< 0.05 EU/mg	PASS
BSE/TSE Free	PASS / FAIL	PASS	PASS

DATE OF

Release Date: _____ 05/11/2023

Reassay Date: _____ 02/24/2025

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood
Quality Control

05/16/23
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.