

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Carbenicillin Disodium salt
CAS NO. 4800-94-6
MOLECULAR WEIGHT: 422.36
STORAGE: At -20 Deg C, protect from light.
BATCH NO. 20/MFM/2522
MFG. DATE: November 2019
EXP. DATE: November 2022

TESTS	SPECS	RESULTS
Description	White or off-white crystalline powder	White crystalline powder
Identification	Sodium reaction	Positive
Water content	<= 6.0%	3.6%
pH	6.5 to 8.0	7.2
Clarity	Clear	Complies
Benzylpenicillin sodium	<= 5.0%	0.13%
Chromatographic purity	>= 92.0%	98.1%
Iodine absorbing substances	<= 8.0%	0.45%
Assay (anhydrous basis)	Min. 88.0%	93.5%
Bacterial endotoxins	<= 0.05 Eu/mg	Conforms
Potency (on dried basis)	Min 770 µg/mg	838 µg/mg

Conclusion: The product complies to the current USP specifications.

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09th April 2020