

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Carbenicillin Disodium salt  
 CAS NO. 4800-94-6  
 MOLECULAR WEIGHT: 422.36  
 STORAGE: Freeze temperature  
 BATCH NO. 25/MFM/3234  
 MFG. DATE: November 2025  
 EXP. DATE: November 2027

TESTS	SPECS	RESULTS
Description	White to lightly yellow powder	White powder
Identification	Positive	Positive
Water content	NMT 6.0%	3.1%
pH	6.5 to 8.0	6.7
Solubility	Clear, colourless solution	Complies
Benzylpenicillin sodium	NMT 5.0%	0.21%
Bacterial Endotoxins	NMT 0.05EU/mg	Complies
Iodine absorbing substances	NMT 8.0%	0.06%
Purity (on dried basis, TLC)	NLT 92.0%	97.8%
Potency (on dried basis)	NLT 770 µg/mg	907 µg/mg

**Conclusion:** The product complies to the current USP specifications.

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