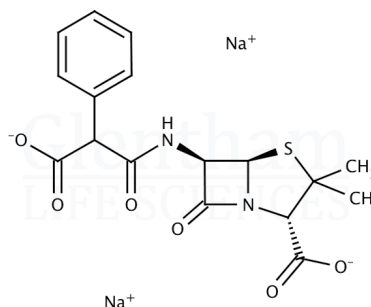


Certificate of Analysis

Product Name	Carbenicillin disodium salt, USP grade
Glentham Code	GA0019
CAS Number	4800-94-6
EINECS	225-360-8
MDL Number	MFCD00077683
Additional CAS	4697-36-3 (non-salt)
Batch Number	086YPC
Molecular Weight	422.36
Molecular Formula	$C_{17}H_{16}N_2Na_2O_6S$
Storage Temp.	+4°C



Property	Specification	Batch 086YPC
Physical Description	White to off-white crystalline powder	Off-white crystalline powder
Identification	To pass USP test	Conforms
pH	6.5 - 8.0 (10mg of carbenicillin per ml)	6.9
Water	≤ 6.0%	3.2%
Residual Solvents	To conform	Conforms
Potency (anhydrous basis)	≥ 770µg/mg (of C ₁₇ H ₁₆ N ₂ O ₆ S)	855µg/mg
Assay (HPLC)	89.0 - 100.5 %	98.2%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-02-25
Re-Test Date	2031-03-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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