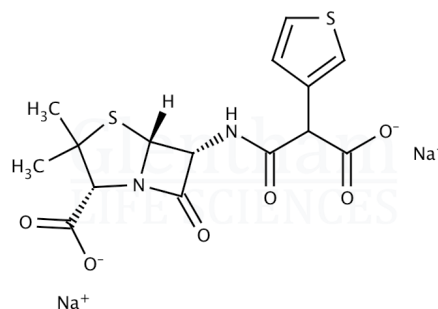


Certificate of Analysis

Product Name	Ticarcillin disodium salt, USP grade
Glentham Code	GP7078
CAS Number	4697-14-7
MDL Number	MFCD07787410
Additional CAS	29457-07-6
Additional CAS	34787-01-4
Batch Number	427DOW
Molecular Weight	428.39
Molecular Formula	$C_{15}H_{14}N_2Na_2O_6S_2$
Storage Temp.	+4°C



Property	Specification	Batch 427DOW
Physical Description	White to light-yellow crystalline powder	Off-white crystalline powder
Identification (UV)	To pass test	Conforms
Identification	B: To pass sodium test	Conforms
pH (1% in water)	6.0 - 8.0 (1% of ticarcillin)	7.1
Specific Optical Rotation ($[\alpha]_{20/D}$)	+172 - +187 ° (c=1, water)	+180.0 °
Water (KF)	≤ 6.0%	2.8%
Potency (anhydrous basis)	≥ 800µg/mg (C ₁₅ H ₁₆ N ₂ O ₆ S ₂)	826µg/mg
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2022-01-17
Re-Test Date	2029-10-10

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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