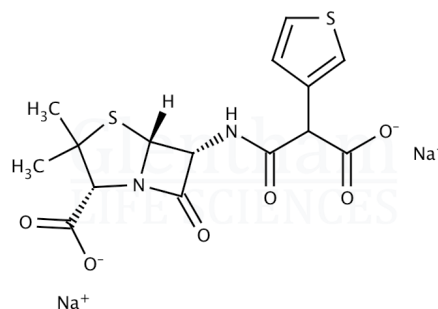


Certificate of Analysis

Product Name Ticarcillin disodium salt
Glentham Code GA1874
CAS Number 4697-14-7
MDL Number MFCD07787410
PubChem SID 310280993
Additional CAS 29457-07-6
Additional CAS 34787-01-4
Batch Number 984FLW

Molecular Weight 428.39
Molecular Formula $C_{15}H_{14}N_2Na_2O_6S_2$
Storage Temp. +4°C



Property	Specification	Batch 984FLW
Physical Description	White to pale yellow powder	Off-white crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless to pale yellow solution	Pale yellow solution
pH	6.0 - 8.0 (10mg/ml of ticarcillin in water)	7.1
Specific Optical Rotation ($[\alpha]_{20/D}$)	+172.0 - +187.0 ° (c=1, water)	+180.0 °
Water	≤ 6.0%	2.8%
Potency (anhydrous basis)	≥ 800µg/mg (C ₁₅ H ₁₆ N ₂ O ₆ S ₂)	826µg/mg
Assay (anhydrous basis)	≥ 95.0%	96.5%

Specification Version v1.1
Manufacture Date 2022-01-17
Re-Test Date 2029-04-20

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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