



Specification

Ticarcillin Disodium Salt

CAS Number: 4697-14-7
Molecular Formula: C₁₅H₁₄N₂Na₂O₆S₂
Molecular Weight: 428.39
Storage: 2-8°C

Test	Specification
Appearance:	White to yellow crystalline powder
Assay (Ticarcillin Content, dried basis):	≥ 80.0 %
Assay (Ticarcillin, dried basis):	≥ 800 µg/mg
Heavy Metals:	≤ 10 ppm
Identification:	Pass Test
pH:	6.0 - 8.0
Related Substances (Largest Impurity):	≤ 4.0 %
Related Substances (Second Major Impurity) :	Related Substances (Second Major Impurity) : ≤ 2.5 %
Residual Solvents:	Meets the requirements
Specific Rotation:	+172 - +187 °
Sterility:	Meet the requirements
Water:	≤ 6.0 %
Bacterial Endotoxins:	≤ 0.05 EU/mg

Approved:

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