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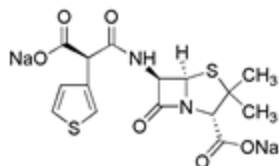
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00357

Product **Ticarcillin disodium salt**

CAS Number 4697-14-7

Molecular Formula C₁₅H₁₄N₂O₆S₂Na₂

Molecular Weight 428.4

Appearance White or yellowish-white crystalline powder

Heavy Metals ≤ 10 ppm

Water Content (Karl Fisher) ≤ 4.0%

pH 6.0-8.0

Optical Rotation [α]_D = +172 to 187°

Infrared Spectrum Conforms to structure

Residual Solvents Should meet the requirement

Bacterial Endotoxins ≤ 0.05 EU/mg

Related Substances
Largest impurity: ≤ 4.0%
Second major impurity: ≤ 2.5%
Total impurity: ≤ 2%

Assay (anhydrous basis) ≥ 80.0%

Grade USP

Storage Store at 0-8 °C

Additional Information
Sodium: Positive
Identification by HPLC: Conforms
Sterility: Should meet the requirement

Product Specifications

Catalog Number: 00357

For Laboratory Use Only