

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

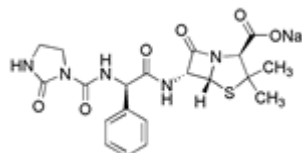
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 22095

Product

Azlocillin sodium salt

CAS Number

D- α -([Imidazolidin-2-on-1-yl]carbonylamino)benzylpenicillin
37091-65-9

Molecular Formula

C₂₀H₂₂N₅O₆Na

Molecular Weight

483.47

Appearance

White to off-white powder or crystalline

Clarity & Color

Clarity : Clear solution
Color : $\leq$ Y0.5

Water Content (Karl Fisher)

$\leq$ 2.0%

pH

6 - 8

Optical Rotation

$[\alpha]_D^{20} = +170$ to $+200^\circ$

Residual Solvents

Ethanol $\leq$ 0.5%; Acetone $\leq$ 0.5%; Isopropanol $\leq$ 0.5%; Ethyl Acetate $\leq$ 0.5%; Dichloromethane $\leq$ 0.06%

Bacterial Endotoxins

$\leq$ 0.07 EU/mg

Related Substances

Single purity: $\leq$ 1.5%; Total impurities: $\leq$ 3.0%

Assay

$\geq$ 90%

Storage

Store at 0 - 8 °C

Additional Information

Azlocillin polymer : $\leq$ 0.3%,
Sterile : To pass test

For Laboratory Use Only