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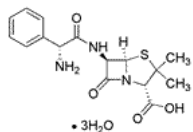
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 02876

Product

Ampicillin trihydrate

D-(-)- α -Aminobenzylpenicillin

6-[D-(-)- α -Aminophenylacetamido]penicillanic acid

CAS Number

7177-48-2

Molecular Formula

C₁₆H₂₅N₃O₇S

Molecular Weight

403.4

Appearance

White to off-white crystalline powder

Crystallinity

Conforms to the standard

Water Content (Karl Fisher)

12 - 15%

pH

3.5 - 6.0

Residual Solvents

Dimethyl aniline (GC): Conforms to the standard

Bacterial Endotoxins

≤ 0.15 U/mg

Related Substances

D-Phenylglycine : $\leq 0.5\%$

Amoxicillin related compound A (6-aminopenicillanic acid)
: $\leq 0.5\%$

Ampicilloic acid : $\leq 1\%$

Ampicillin thiazepine analog : $\leq 0.3\%$

Potency (Anhydrous Basis) 900 - 1050 $\mu\text{g}/\text{mg}$

Grade

Meets USP Specification

Storage

Store at 0 - 8 °C

Additional Information

Identification :

Test for Infrared spectrum : Conforms to structure

Sterility test : To pass test

For Laboratory Use Only