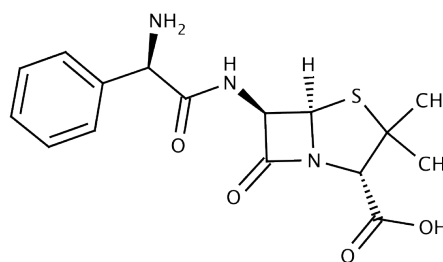


Product Specification

Product Name : Ampicillin, anhydrous, EP grade
Glentham Code : GA5836
CAS Number : 69-53-4
EINECS : 200-709-7
MDL Number : MFCD00005175
PubChem SID : 310266814
Additional CAS : 69-52-3 (Na salt)
Additional CAS : 7177-48-2 ($\cdot 3\text{H}_2\text{O}$)



Molecular Weight : 349.40
Molecular Formula : $\text{C}_{16}\text{H}_{19}\text{N}_3\text{O}_4\text{S}$
Storage Temp. : +20°C

Property	Specification
Physical Description	White or almost white crystalline powder
Identification (IR)	To conform to standard
Identification	To pass tests B, C, D
Appearance of Solution	10% in 2N NH_4OH : To pass test
Appearance of Solution	10% in 1N HCl : To pass test
pH (0.25% in water)	3.5 - 5.5
Specific Optical Rotation	+280 - +305 °
Any Individual Impurity	≤ 1.0%
N,N-Dimethylaniline	≤ 20ppm
Sulphated Ash	≤ 0.5%
Water	≤ 2.0%
Purity (HPLC)	96.0 - 102.0 %
Pharmacopoeia Specification(s)	EP grade

Specification Version : v1.0
Date Created : 2017-09-06

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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