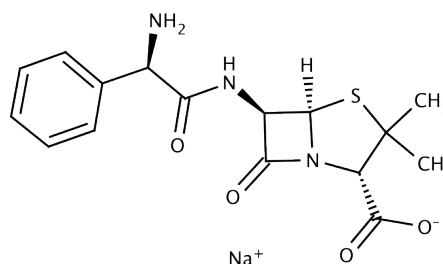


Product Specification

Product Name : Ampicillin sodium salt, EP grade
 Glentham Code : GA2189
 CAS Number : 69-52-3
 EINECS : 200-708-1
 MDL Number : MFCD00064313
 Additional CAS : 69-53-4

Molecular Weight : 371.39
 Molecular Formula : C₁₆H₁₈N₃NaO₄S
 Storage Temp. : +4°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification	A, B, C, D according to EP
Appearance of Solution	Solutions A, B to pass test
Absorbance	≤ 0.15 (solution B, 430nm)
Solubility (5% in water)	Clear, colourless to very faint yellow solution
pH (10% in water)	8.0 - 10.0
Specific Optical Rotation	+258 - +287 ° (anhydrous substance)
Ampicillin Dimer	≤ 4.5%
Any Other Individual Impurity	≤ 2.0%
N,N-Dimethylaniline	≤ 20ppm
2-Ethylhexanoic acid	≤ 0.8%
Methylene Chloride	≤ 0.2%
Heavy Metals	≤ 20ppm
Water	≤ 2.0%
Assay	91.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	EP

Specification Version : v1.0
 Date Created : 2018-04-20

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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