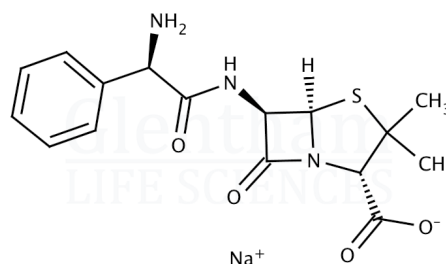


## Product Specification

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	$C_{16}H_{18}N_3NaO_4S$
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024