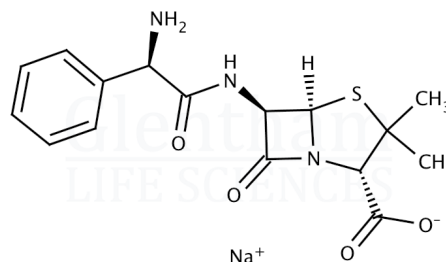


Product Specification

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 or contact us using the details above for the current version of this document.

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