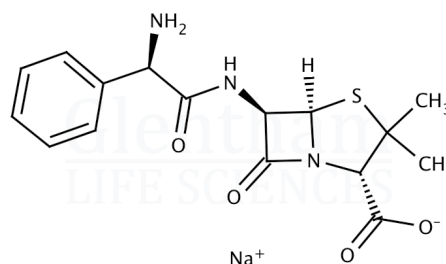


## Certificate of Analysis

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  
Batch Number 693EZZ

Molecular Weight 371.39  
Molecular Formula  $C_{16}H_{18}N_3NaO_4S$   
Storage Temp. +4°C



Property	Specification	Batch 693EZZ
Physical Description	White or almost white crystalline powder	Conforms
Identification	A, B, C, D according to EP	Conforms
Appearance of Solution	Solutions A, B to pass test	Conforms
Absorbance	≤ 0.15 (solution B, 430nm)	0.04
Solubility (5% in water)	Clear, colourless to very faint yellow solution	Conforms
pH (10% in water)	8.0 - 10.0	9.5
Specific Optical Rotation	+258 - +287 ° (anhydrous substance)	+274°
Ampicillin Dimer	≤ 4.5%	2.5%
Any Other Individual Impurity	≤ 2.0%	0.5%
N,N-Dimethylaniline	≤ 20ppm	Conforms
2-Ethylhexanoic acid	≤ 0.8%	Conforms
Methylene Chloride	≤ 0.2%	Conforms
Heavy Metals	≤ 20ppm	Conforms
Water	≤ 2.0%	1.1%
Assay	91.0 - 102.0 % (anhydrous substance)	94.8%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version v1.0  
Manufacture Date 2021-05-25  
Re-Test Date 2029-10-24

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.

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