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Certificate of Analysis

Product Name	Ampicillin, anhy	drous, EP grade		
Glentham Code	GA5836			
CAS Number	69-53-4			\sim
EINECS	200-709-7			Γ
MDL Number	MFCD0000517	5		
PubChem SID	310266814	4)		1
Additional CAS Additional CAS	69-52-3 (Na sal 7177-48-2 (·3H2			
Batch Number	689EAI	20)		
				2
Molecular Weight	349.40			
Molecular Formula Storage Temp.	C ₁₆ H ₁₉ N ₃ O ₄ S +20°C			
Storage Temp.	+20 C			
Property		Specification		
Physical Description		White or almost white cry	1	stalline powder
Identification (IR)		To conform to standard		
Identification		To pass tests B, C, D		
Appearance of Solution		10% in 2N NH4OH: To p	г	ass test
Appearance of Solution		10% in 1N HCI: To pass	te	est
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 Specifica	ation(s)	EP grade		

Specification Version	v1.0
Manufacture Date	2017-11-01
Re-Test Date	2029-08-09

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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