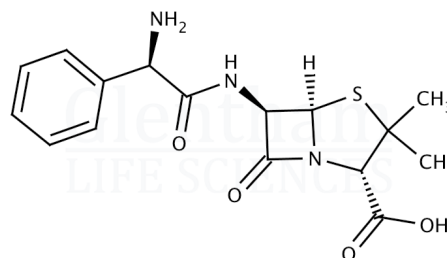


Certificate of Analysis

Product Name	Ampicillin, anhydrous, EP grade
Glentham Code	GA5836
CAS Number	69-53-4
EINECS	200-709-7
MDL-Nummer	MFCD00005175
PubChem SID	310266814
Zusätzliche CAS	69-52-3 (Na salt)
Zusätzliche CAS	7177-48-2 ($\cdot 3\text{H}_2\text{O}$)
Batch Number	689EAI



Molecular Weight	349.40
Molecular Formula	$\text{C}_{16}\text{H}_{19}\text{N}_3\text{O}_4\text{S}$
Storage Temp.	+20°C

Property	Specification	Batch 689EAI
Physical Description	White or almost white crystalline powder	Entspricht
Identification (IR)	To conform to standard	Entspricht
Identification	To pass tests B, C, D	Entspricht
Appearance of Solution	10% in 2N NH_4OH : To pass test	Entspricht
Appearance of Solution	10% in 1N HCl : To pass test	Entspricht
pH (0.25% in water)	3.5 - 5.5	4.7
Specific Optical Rotation	+280 - +305 °	+294.6°
Any Individual Impurity	≤ 1.0%	0.10%
N,N-Dimethylaniline	≤ 20ppm	Entspricht
Sulphated Ash	≤ 0.5%	≤ 0.1%
Water	≤ 2.0%	0.35%
Purity (HPLC)	96.0 - 102.0 %	98.9
Pharmacopoeia Specification(s)	EP grade	Entspricht

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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