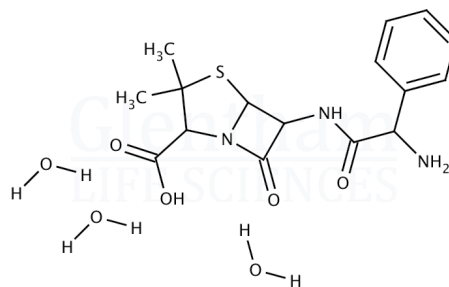


Certificate of Analysis

Product Name Ampicillin trihydrate, USP grade
Glentham Code GA8774
CAS Number 7177-48-2
EINECS 200-709-7
MDL Number MFCD00072036
Additional CAS 69-53-4 (anhydrous)
PubChem SID 310266817
Batch Number 961TMX

Molecular Weight 403.45
Molecular Formula $C_{16}H_{19}N_3O_4S \cdot 3H_2O$
Storage Temp. +4°C



Property	Specification	Batch 961TMX
Physical Description	White to off-white powder	White powder
Identification	IR	Conforms
pH (1% in water)	3.5 - 6.0	4.8
N,N-Dimethylaniline	To pass test	Conforms
Water	12.0 - 15.0 %	13.3%
Assay	900 - 1050 µg/mg (C ₁₆ H ₁₉ N ₃ O ₄ S, dried basis)	969µg/mg
Pharmacopoeia Specification(s)	USP	Conforms to USP

Specification Version v1.0
Manufacture Date 2019-10-09
Re-Test Date 2028-03-16

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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