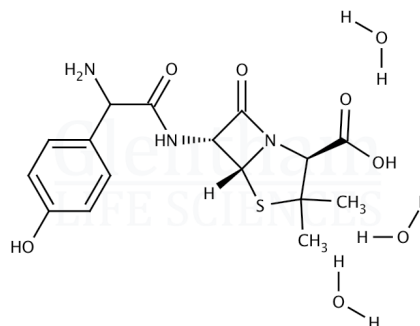


Certificate of Analysis

Product Name	Amoxicillin trihydrate, BP, EP grade
Glentham Code	GA7845
CAS Number	61336-70-7
EINECS	243-003-8
MDL Number	MFCD00072029
MDL Number	MFCD00056860 (anhy.)
Additional CAS	26787-78-0 (anhy.)
PubChem SID	310266810
Batch Number	412OAY

Molecular Weight	365.40 (anhydrous)
Molecular Formula	$C_{16}H_{19}N_3O_5S \cdot 3H_2O$
Storage Temp.	-20°C



Property	Specification	Batch 412OAY
Physical Description	White or almost white, crystalline powder.	White powder
Identification	According to BP, EP	Conforms
Appearance of Solution	To pass test	Conforms
pH	3.5 - 5.5 (0.1g/50ml)	4.3
Specific Optical Rotation	+290 - +315 °	300°
Related Substances	Any Single Impurity: ≤ 1.0%	0.2%
N,N-Dimethylaniline	≤ 20ppm	Conforms
Water	11.5 - 14.5 %	12.3%
Sulphated Ash	≤ 1.0%	≤ 0.1%
Assay (HPLC)	95.0 - 102.0 % (anhydrous basis)	99.4%
Pharmacopoeia Specification(s)	BP, EP grade	Conforms

Specification Version	v1.0
Manufacture Date	2023-10-28
Re-Test Date	2031-12-12

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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