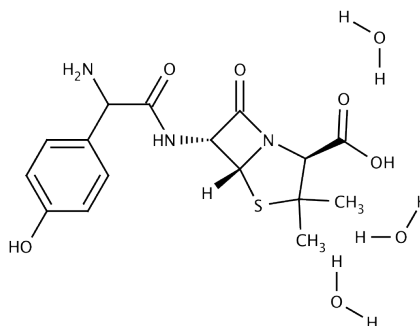


## Product Specification

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
Molecular Weight	365.40 (anhydrous)
Molecular Formula	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S · 3H <sub>2</sub> O
Storage Temp.	-20°C



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

Specification Version	-	v1.0
Date Created	-	2015-03-05

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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