

## Product Specification

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
Molecular Weight	403.45
Molecular Formula	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub> S · 3H <sub>2</sub> O
Storage Temp.	+4°C



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

Specification Version	-	v1.0
Date Created	-	2016-05-23

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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