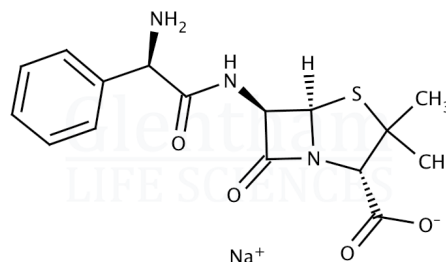


## Product Specification

Product Name	Ampicillin sodium salt
Glentham Code	GA7355
CAS Number	69-52-3
EINECS	200-708-1
MDL Number	MFCD00064313
Additional CAS	69-53-4
PubChem SID	310266815

Molecular Weight	371.39
Molecular Formula	$C_{16}H_{18}N_3NaO_4S$
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white or pale yellow powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution
Specific Optical Rotation ( $[\alpha]_{25/D}$ )	+258 - +287 ° (c=0.25, 0.4% w/v C8H5KO4, anhydrous)
Water (KF)	≤ 2.0%
Potency (anhydrous basis)	≥ 845µg/mg

Specification Version	-	v1.1
Date Created	-	2021-06-22

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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