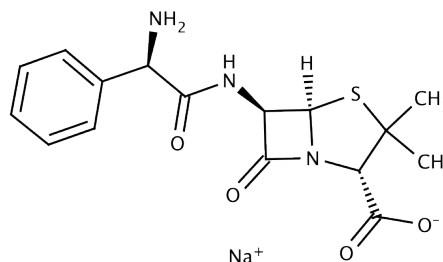


## Product Specification

Product Name	Ampicillin sodium salt, cell culture grade
Glentham Code	GA0283
CAS Number	69-52-3
EINECS	200-708-1
MDL Number	MFCD00064313
PubChem SID	310266816
Additional CAS	69-53-4
<hr/>	
Molecular Weight	371.39
Molecular Formula	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>4</sub> S
Storage Temp.	+4°C



Property	Specification
Physical Description	White to light-yellow powder
Solubility	Soluble in water (50mg/ml)
Identification	IR
Water (KF)	≤ 2.0%
pH	8.0 - 10.0 (2g/20ml in water)
Impurities	N,N-Dimethylaniline: ≤ 20ppm Methylene chloride: ≤ 0.2%
Assay	≥ 91.0% (anhydrous basis)
Potency	≥ 845µg/mg (anhydrous basis)
Bacterial Endotoxins	≤ 0.15EU/mg
Grade	Suitable for cell culture

Specification Version	-	v1.0
Date Created	-	2013-08-30

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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