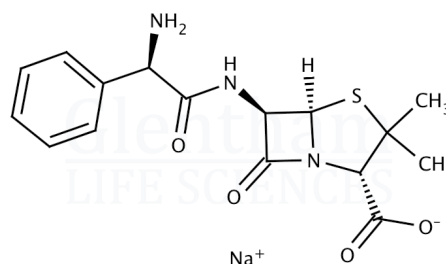


Certificate of Analysis

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
Batch Number	180XJW

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



Property	Specification	Batch 180XJW
Physical Description	White to light-yellow powder	Off-white powder
Solubility	Soluble in water (50mg/ml)	Conforms
Identification	IR	Conforms
Water (KF)	≤ 2.0%	0.8%
pH	8.0 - 10.0 (2g/20ml in water)	9.21
Impurities	N,N-Dimethylaniline: ≤ 20ppm	None detected
	Methylene chloride: ≤ 0.2%	0.01%
Assay	≥ 91.0% (anhydrous basis)	94.7%
Potency	≥ 845µg/mg (anhydrous basis)	947µg/mg
Bacterial Endotoxins	≤ 0.15EU/mg	Conforms
Grade	Suitable for cell culture	Conforms

Specification Version	v1.0
Manufacture Date	2021-03-15
Re-Test Date	2029-07-14

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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