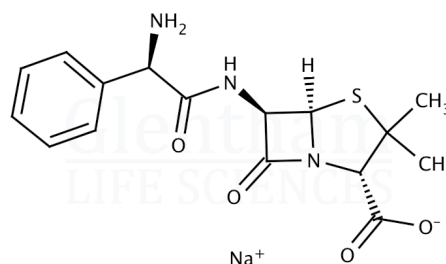


Certificate of Analysis

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
Batch Number 940XJB

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



Property	Specification	Batch 940XJB
Physical Description	White to off-white or pale yellow powder	Off-white powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless to faint yellow solution	Conforms
Specific Optical Rotation ($[\alpha]_{25/D}$)	+258 - +287 ° (c=0.25, 0.4% w/v C ₈ H ₅ KO ₄ , anhydrous)	+279.0°
Water (KF)	≤ 2.0%	0.8%
Potency (anhydrous basis)	≥ 845µg/mg	947µg/mg

Specification Version v1.1
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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024