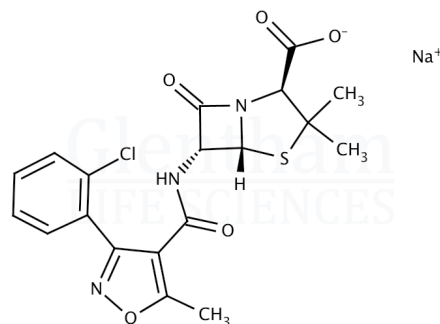


Product Specification

Product Name	Cloxacillin sodium salt
Glentham Code	GA4688
CAS Number	642-78-4
EINECS	211-390-9
MDL Number	MFCD00063568
Additional CAS	7081-44-9 (·H ₂ O)
Additional CAS	61-72-3 (free acid)
PubChem SID	310270422
Molecular Weight	457.86 (anhydrous)
Molecular Formula	C ₁₉ H ₁₇ ClN ₃ O ₅ Na · xH ₂ O
Storage Temp.	+4°C



Property	Specification
Physical Description	White or almost white, hygroscopic, powder
Solubility	Freely soluble in water and in methanol, soluble in 96% ethanol
Identification	According to EP
Appearance of Solution (2.5g/25ml)	Clear solution
	A[430nm]: ≤ 0.04
pH	5.0 - 7.0
Specific Optical Rotation	160 - 169 ° (anhydrous substance)
Related Substances (HPLC)	Any Impurity: ≤ 1.0%
	Total Impurities: ≤ 5.0%
N,N-Dimethylaniline	≤ 20ppm
2-Ethylhexanoic acid	≤ 0.8%
Water	3.0 - 4.5 %
Assay (HPLC)	95.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	EP
Specification Version	- v1.0
Date Created	- 2014-08-04

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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