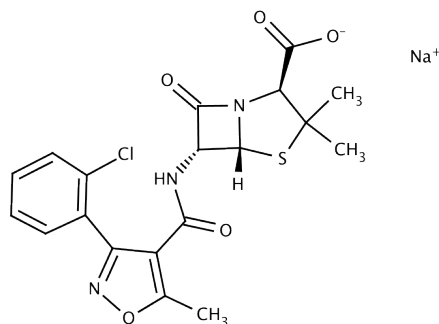


## Product Specification

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 <sub>2</sub> O)
Additional CAS	61-72-3 (free acid)
PubChem SID	310270422
Molecular Weight	457.86 (anhydrous)
Molecular Formula	C <sub>19</sub> H <sub>17</sub> ClN <sub>3</sub> O <sub>5</sub> Na · xH <sub>2</sub> 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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