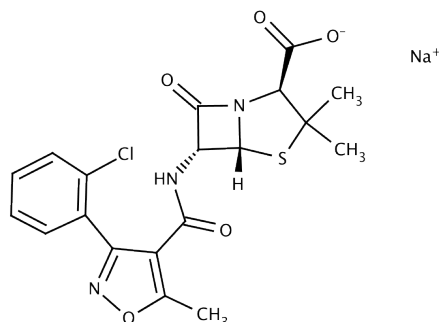


## Product Specification

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 ( $\cdot$ 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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