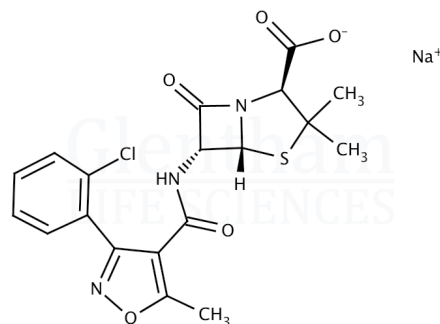


Certificate of Analysis

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
Batch Number	481CRB
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	Batch 481CRB
Physical Description	White or almost white, hygroscopic, powder	White powder
Solubility	Freely soluble in water and in methanol, soluble in 96% ethanol	Conforms
Identification	According to EP	Conforms
Appearance of Solution (2.5g/25ml)	Clear solution	Conforms
	A[430nm]: ≤ 0.04	Conforms
pH	5.0 - 7.0	5.7
Specific Optical Rotation	160 - 169 ° (anhydrous substance)	165.9°
Related Substances (HPLC)	Any Impurity: ≤ 1.0%	0.1%
	Total Impurities: ≤ 5.0%	0.4%
N,N-Dimethylaniline	≤ 20ppm	Conforms
2-Ethylhexanoic acid	≤ 0.8%	≤ 0.1%
Water	3.0 - 4.5 %	3.8%
Assay (HPLC)	95.0 - 102.0 % (anhydrous basis)	100.3%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2026-06-14
Re-Test Date	2031-01-09

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