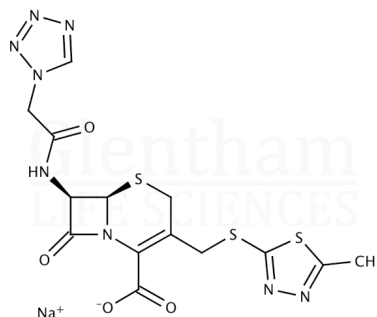


Product Specification

Product Name	Cefazolin sodium salt, Ph. Eur. grade
Glentham Code	GA2311
CAS Number	27164-46-1
EINECS	248-278-4
MDL-Nummer	MFCD00056883
Zusätzliche CAS	25953-19-9 (acid)
Molecular Weight	476.49
Molecular Formula	$C_{14}H_{13}N_8NaO_4S_3$
Storage Temp.	+4°C



Property	Specification
Physical Description	White or almost white powder
Identification	A, B according to Ph. Eur.
Solubility (10% in water)	Clear, colourless solution
Absorbance	≤ 0.15 (at 430nm, 10% in water)
pH (10% in water)	4.0 - 6.0
Specific Optical Rotation	-24 - -15 ° (5% in water, anhydrous)
Wavelength of Maximum Absorption (λ _{max})	272nm
Specific Absorbance	260 - 300 (at λ _{max})
Any Individual Impurity	≤ 1.0%
Total Impurities	≤ 3.5%
N,N-Dimethylaniline	≤ 20ppm
Water	≤ 6.0%
Assay (HPLC)	95.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	-	v1.0
Date Created	-	2017-01-23

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, 2025