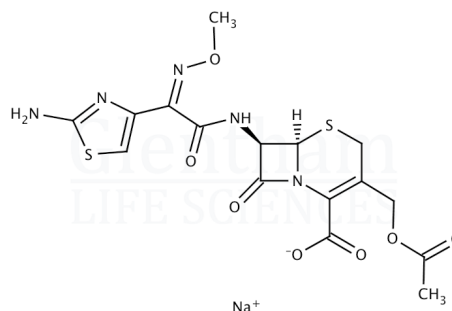


Product Specification

Product Name	Cefotaxime sodium salt
Glentham Code	GA3583
CAS Number	64485-93-4
EINECS	264-915-9
MDL Number	MFCD00079073
Additional CAS	63527-52-6 (acid)
PubChem SID	310269492
Molecular Weight	477.40
Molecular Formula	C ₁₆ H ₁₆ N ₅ NaO ₇ S ₂
Storage Temp.	+4°C



Property	Specification
Physical Description	White, off-white or pale yellow crystalline powder
Identification	According to USP
Solubility (10% in water)	Clear, colourless to yellow solution
Absorbance	430nm: ≤ 0.20
Specific Optical Rotation	58 - 64 °
pH (10% in water)	4.5 - 6.5
Loss on Drying	≤ 3.0%
Organic Impurities	Individual impurities: ≤ 1.0%
	Total impurities: ≤ 3.0%
Assay	916 - 964 µg/mg (C ₁₆ H ₁₇ N ₅ O ₇ S ₂ , dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2015-03-31

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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