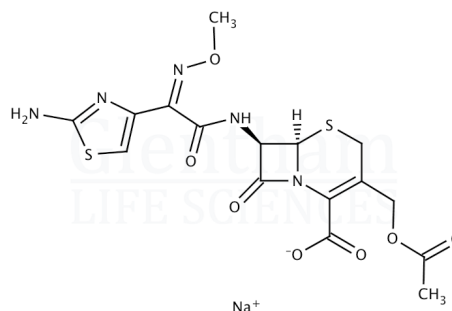


Certificate of Analysis

Product Name	Cefotaxime sodium salt
Glentham Code	GA3583
CAS Number	64485-93-4
EINECS	264-915-9
MDL-Nummer	MFCD00079073
Zusätzliche CAS	63527-52-6 (acid)
PubChem SID	310269492
Batch Number	163ZBE

Molecular Weight	477.40
Molecular Formula	$C_{16}H_{16}N_5NaO_7S_2$
Storage Temp.	+4°C



Property	Specification	Batch 163ZBE
Physical Description	White, off-white or pale yellow crystalline powder	Almost white powder
Identification	According to USP	Entspricht
Solubility (10% in water)	Clear, colourless to yellow solution	Entspricht
Absorbance	430nm: ≤ 0.20	Entspricht
Specific Optical Rotation	58 - 64 °	+63°
pH (10% in water)	4.5 - 6.5	5.1
Loss on Drying	$\leq 3.0\%$	1.4%
Organic Impurities	Individual impurities: $\leq 1.0\%$	0.23% (max.)
	Total impurities: $\leq 3.0\%$	0.60%
Assay	916 - 964 $\mu\text{g}/\text{mg}$ ($C_{16}H_{17}N_5O_7S_2$, dried basis)	943 $\mu\text{g}/\text{mg}$
Pharmacopoeia Specification(s)	USP	Conforms to USP40

Specification Version	v1.0
Manufacture Date	2019-01-25
Re-Test Date	2026-04-25

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