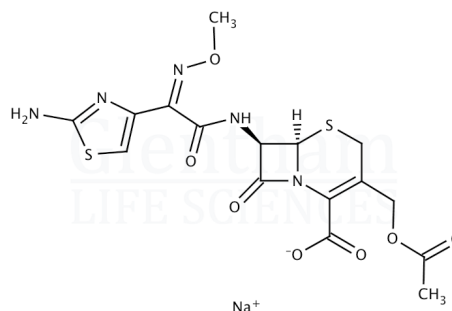


## Certificate of Analysis

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
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	Conforms
Solubility (10% in water)	Clear, colourless to yellow solution	Conforms
Absorbance	430nm: ≤ 0.20	Conforms
Specific Optical Rotation	58 - 64 °	+63°
pH (10% in water)	4.5 - 6.5	5.1
Loss on Drying	≤ 3.0%	1.4%
Organic Impurities	Individual impurities: ≤ 1.0%	0.23% (max.)
	Total impurities: ≤ 3.0%	0.60%
Assay	916 - 964 µg/mg (C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>7</sub> S <sub>2</sub> , dried basis)	943µg/mg
Pharmacopoeia Specification(s)	USP	Conforms to USP40

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

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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