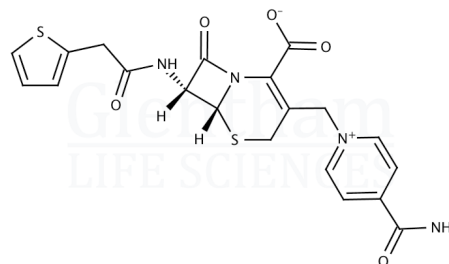


Certificate of Analysis

Product Name	Cefalonium hydrate
Glentham Code	GA5297
CAS Number	5575-21-3
PubChem SID	310269450
Batch Number	573IZD

Molecular Weight	458.51
Molecular Formula	$C_{20}H_{18}N_4O_5S_2 \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 573IZD
Physical Description	White, off-white or beige powder	Off-white powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in DMSO)	Clear, colourless to faint yellow-brown solution	Clear, faint yellow-brown solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-50.0 - -56.0 ° (anhydrous, c=0.5, DMSO)	-54.0°
Water (KF)	≤ 15.0%	7.9%
Purity (HPLC)	≥ 90.0%	99.4%

Specification Version	v1.2
Manufacture Date	2024-05-25
Re-Test Date	2032-08-21

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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