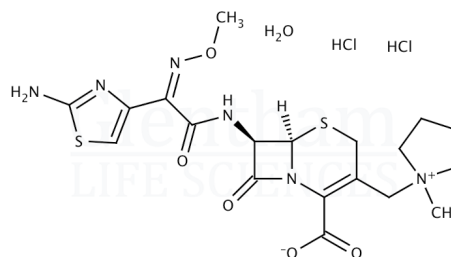


Certificate of Analysis

Product Name	Cefepime dihydrochloride hydrate
Glentham Code	GA3114
CAS Number	123171-59-5
MDL Number	MFCD01687679
Additional CAS	107648-80-6 (anhyd.)
Additional CAS	88040-23-7
PubChem SID	310269474
Batch Number	236EOD

Molecular Weight	571.50 (anhydrous)
Molecular Formula	$C_{19}H_{24}N_6O_5S_2 \cdot HCl \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 236EOD
Physical Description	White to off-white powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
pH (5% in water)	1.0 - 2.5	1.23
Solubility (0.1% in DMSO)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+39.0 - 46.0 ° (c=1, water)	+41.63 °
Water	≤ 6.0%	3.76%
Assay	840 - 910 µg/mg (cefepime, anhydrous)	864 µg/mg

Specification Version	v1.1
Manufacture Date	2023-01-12
Re-Test Date	2031-08-22

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, 2024