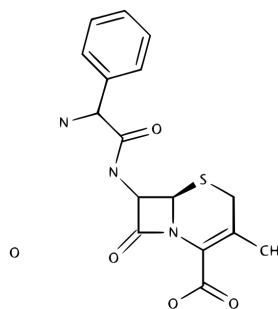


Product Specification

Product Name	Cefalexin monohydrate, USP grade
Glentham Code	GA5559
CAS Number	23325-78-2
MDL Number	MFCD00056877
Additional CAS	15686-71-2
Molecular Weight	365.40
Molecular Formula	C ₁₆ H ₁₇ N ₃ O ₄ S · H ₂ O
Storage Temp.	+4°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification	A, B according to USP
pH (5% in water)	3.0 - 5.5
Specific Optical Rotation ([α] ₂₀ /D)	+149 - +158 ° (c=0.5, pH 4.4, phthalate buffer)
Any Individual Impurity (HPLC)	≤ 1.0%
Total Impurities (HPLC)	≤ 5.0%
Water	4.0 - 8.0 %
N,N-Dimethylaniline	To pass test
Assay	950 - 1030 µg/mg (C ₁₆ H ₁₇ N ₃ O ₄ S, anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2020-05-26

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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