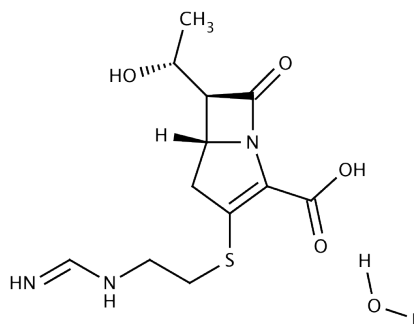


Product Specification

Product Name : Imipenem monohydrate, 98%, EP grade
Glentham Code : GA7773
CAS Number : 74431-23-5
EINECS : 264-734-5
MDL Number : MFCD09753321
Additional CAS : 64221-86-9

Molecular Weight : 317.36
Molecular Formula : C₁₂H₁₇N₃O₄S · H₂O
Storage Temp. : -20°C



Property	Specification
Physical Description	White, almost white, or pale yellow powder
Identification (IR)	To conform to standard
Appearance of Solution	To pass test
pH (0.5% in water)	4.5 - 7.5
Specific Optical Rotation	+90 - +95 °
Impurity A	≤ 1.0%
Any Other Individual Impurity	≤ 0.3%
Total Impurities	≤ 1.0% (exc. impurity A)
Water (KF)	5.0 - 8.0 %
Sulphated Ash	≤ 0.2%
Assay (HPLC)	98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	EP

Specification Version : v1.0
Date Created : 2017-08-02

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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