

Product Specification

Product Name	Imipenem and Cilastatin sodium salt (1:1 mixture, with added sodium bicarbonate)
Glentham Code	GP8148
CAS Number	74431-23-5 / 81129-83-1
Additional CAS	64221-86-9
Additional CAS	82009-34-5
Molecular Weight	N/A
Molecular Formula	N/A
Storage Temp.	+4°C

Property	Specification
Physical Description	White to pale yellow powder
Identification	HPLC
pH	6.5 - 8.5
Loss on Drying	≤ 3.5%
Assay	Imipenem (C ₁₂ H ₁₇ N ₃ O ₄ S): ≥ 400µg/mg Cilastatin (C ₁₆ H ₂₆ N ₂ O ₅ S): ≥400µg/mg Ratio of Imipenem to Cilastatin: 0.95 - 1.05

Specification Version	-	v1.0
Date Created	-	2014-08-01

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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