

Certificate of Analysis

Product Name	Imipenem and Cilastatin sodium salt (1:1 mixture, with added sodium bicarbonate)
Glenthams Code	GP8148
CAS Number	74431-23-5 / 81129-83-1
Additional CAS	64221-86-9
Additional CAS	82009-34-5
Batch Number	769PYG

Molecular Weight	N/A
Molecular Formula	N/A
Storage Temp.	+4°C

Property	Specification	Batch 769PYG
Physical Description	White to pale yellow powder	White powder
Identification	HPLC	Conforms
pH	6.5 - 8.5	7.6
Loss on Drying	≤ 3.5%	0.88%
Assay	Imipenem (C ₁₂ H ₁₇ N ₃ O ₄ S): ≥ 400µg/mg	465µg/mg
	Cilastatin (C ₁₆ H ₂₆ N ₂ O ₅ S): ≥400µg/mg	441µg/mg
	Ratio of Imipenem to Cilastatin: 0.95 - 1.05	1.05

Specification Version	v1.0
Manufacture Date	2015-03-10
Re-Test Date	2024-04-26

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.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. © Glenthams Life Sciences Ltd, 2024