

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
CAS supplémentaire	64221-86-9
CAS supplémentaire	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