

## Certificate of Analysis

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
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 <sub>12</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S): ≥ 400µg/mg	465µg/mg
	Cilastatin (C <sub>16</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub> 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

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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