

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	30802
Lot Number	002179-020051
Product	Imipenem Monohydrate Primaxin monohydrate (5R,6S)-6-[(1R)-1-Hydroxyethyl]-3-[[2-[(iminomethyl)amino]ethyl]
CAS Number	74431-23-5
Molecular Formula	C ₁₂ H ₁₇ N ₃ O ₄ S · H ₂ O
Molecular Weight	317.36

Appearance	Pale yellow powder
Appearance of Solution	Passes test
Solubility	Slightly soluble in water and methanol
Water Content (Karl Fisher)	5.9%
pH	6.6
Optical Rotation	[α] _D ²⁰ = 92 °
Infrared Spectrum	Conforms to structure
Sulfated Ash	< 0.1%
Purity by HPLC	99%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager