

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	29737
Lot Number	001926-037-20141019
Product	Tigecycline
CAS Number	220620-09-7
Molecular Formula	C ₂₉ H ₃₉ N ₅ O ₈ xH ₂ O
Molecular Weight	585.65

Appearance	Orange crystalline powder
Solubility	Soluble in Water, Dichloromethane and slightly soluble in Methanol.
Water Content (Karl Fisher)	1.32%
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol: 0.06% Dichloromethane: 0.01%
Related Substances	Single impurity: < 0.3% Total impurity: 0.52%
¹H NMR	Conforms to structure
Purity by HPLC	99.80%
Storage	Store at 0-8 °C
Additional Information	Epimer: 0.31%
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