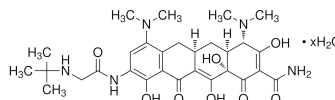


Certificate of Analysis

Product Name : Tigecycline hydrate ≥98% (HPLC)
Product Number : PZ0021-VAR
Batch Number : 0000023817
Source Batch : 110M4712V
CAS Number : 1229002-07-6
Storage Temperature : Cooler/Refrigerated
Molecular Formula : C₂₉H₃₉N₅O₈ · xH₂O
Formula Weight : 585.65(anhydrous basis)
Quality Release Date : 10 May 2011



Test	Specification	Result
Appearance (Color)	Faint Yellow to Brown	Brown
Appearance (Form)	Powder	Powder
Elemental Composition	Pass	Pass
Purity (HPLC)	≥ 98 %	99 %
HPLC Identity	Conforms	Conforms
Specific Rotation	≥ -185.0 °	-168.6 °
ELEMENTAL ANALYSIS X VALUE	0.1 - 4.0	2.0

Rodney Burbach, Manager

Analytical Services

St. Louis, Missouri

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.