

## Certificate of Analysis

Date of Testing: 2023-07-10 10:31:37  
Date of Next Testing: 2025-07-09 10:31:37  
Product Name: **Tigecycline**  
CAS Number: 220620-09-7  
Specifications & Purity:  $\geq 96\%$   
Lot #: F2330692  
SKU #: **E129449**  
**Analysis: 172442**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.38800 %
Carbon by Elemental Analysis(Dry base)	56.9-59.7 (%)	59.54100 %
Nitrogen by Elemental Analysis(Dry base)	11.3-12.2 (%)	11.97300 %
Oxygen by Elemental Analysis (dry basis)	20.8-22.1 (%)	20.81 %
Appearance (E129449)	Yellow to Orange Powder	Yellow to Orange Powder
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager