

## Certificate of Analysis

Date of Testing: 2024-11-22 19:24:10  
Date of Next Testing: 2026-11-22 19:24:10  
Product Name: **Tigecycline**  
CAS Number: 220620-09-7  
Specifications & Purity: Moligand™, ≥96%  
Lot #: K2422138  
SKU #: **E129449**  
Version: **1**  
Analysis #: **431480**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.82100 %
Carbon by Elemental Analysis(Dry base)	56.9-59.7 (%)	59.01900 %
Nitrogen by Elemental Analysis(Dry base)	11.3-12.2 (%)	11.88500 %
Oxygen by Elemental Analysis (dry basis)	20.8-22.1 (%)	20.92 %
Appearance (E129449)	Yellow to Orange Solid	yellow to Orange solid
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager