

## Certificate of Analysis

Date of Testing: 2023-07-06 14:49:31  
Date of Next Testing: 2025-07-05 14:49:31  
Product Name: **Duvelisib (IPI-145, INK1197)**  
CAS Number: 1201438-56-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2327560  
SKU #: **I126464**  
**Analysis:** **235297**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62600 %
Appearance (I126464)	White to off-white solid	White to off-white solid
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager