

## Certificate of Analysis

Date of Testing: 2023-02-03 17:50:45  
Date of Next Testing: 2025-02-02 17:50:45  
Product Name: **Birinapant**  
CAS Number: 1260251-31-7  
Specifications & Purity: 98%  
Lot #: L2207736  
SKU #: **B129259**  
**Analysis:** **144356**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.50000 %
NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B129259)	White to off-white solid	White to off-white solid



John Su  
QA & QC Manager