

## Certificate of Analysis

Date of Testing: 2023-05-29 15:02:25  
Date of Next Testing: 2025-05-28 15:02:25  
Product Name: **ABT-199 (GDC-0199)**  
CAS Number: 1257044-40-8  
Specifications & Purity:  $\geq 99\%$   
Lot #: E2320109  
SKU #: **A124869**  
**Analysis:** **221932**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.91100%
Appearance (A124869)	White to light yellow to yellow soild	White to light yellow to yellow soild
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager