

## Certificate of Analysis

Date of Testing: 2024-04-25 10:01:23  
Date of Next Testing: 2028-04-24 10:01:23  
Product Name: **Obeticholic acid**  
CAS Number: 459789-99-2  
Specifications & Purity: 98%  
Lot #: D2418395  
SKU #: **I193491**  
**Analysis:** **337506**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76600 %
specific rotation $[\alpha]_{20/D}(C=1, \text{MeOH})$	3.3-5.5 (°)	4.64200°
Appearance (I193491)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager