

## Certificate of Analysis

Date of Testing: 2024-02-21 14:33:42  
Date of Next Testing: 2028-02-20 14:33:42  
Product Name: **Glycocholic acid hydrate**  
CAS Number: 1192657-83-2  
Specifications & Purity: 97% (HPLC)  
Lot #: E2006142  
SKU #: **G166341**  
**Analysis:** **321887**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.22000 %
Water by Karl Fischer	0-8 (%)	2.61 %
Appearance (G166341)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager