

## Certificate of Analysis

Date of Testing: 2025-05-07 17:00:10  
 Date of Next Testing: 2027-05-07 17:00:10  
 Product Name: **α-Cholestane**  
 CAS Number: 481-21-0  
 Specifications & Purity: ≥97%(GC)  
 Lot #: D2527140  
 SKU #: **C133856**  
 Version: **0**  
 Analysis #: **495216**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	100.00 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in 18.00 - 22.00 mg/ml Chlorofo	23-27 (°)	23.86 °
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	86.70 %
Appearance (C133856)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> , clear colorless to light yellow solution,50mg/ml	pass	Pass



John Su  
 QA & QC Manager