

Certificate of Analysis

Date of Testing: 2024-08-20 17:23:09

Date of Next Testing: 2026-08-20 17:23:09

Product Name: **α -Cholestane**

CAS Number: 481-21-0

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: H2412079

SKU #: **C133856**

Version: **0**

Analysis #: **394614**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	86.60 %
Purity(GC)	97-100 (%)	99.60 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 18.00 - 22.00 \text{ mg/ml Chlorofo}}$	23-27 (°)	27.00°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (C133856)	white powder	White powder
Solubility in CHCL ₃ , clear colorless to light yellow solution,50mg/ml	pass	Pass



John Su
QA & QC Manager