

Certificate of Analysis

Date of Testing: 2024-11-08 15:55:03

Date of Next Testing: 2026-11-08 15:55:03

Product Name: **α -Cholestane**

CAS Number: 481-21-0

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

Lot #: B2307879

SKU #: **C133856**

Version: **0**

Analysis #: **433396**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	86.98 %
Purity(GC)	97-100 (%)	97.01 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 18.00 - 22.00 \text{ mg/ml Chlorofo})$	23-27 (°)	26.45 °
Appearance (C133856)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , clear colorless to light yellow solution,50mg/ml	pass	Pass



John Su
QA & QC Manager