

Certificate of Analysis

Date of Testing: 2024-09-10 13:29:29

Date of Next Testing: 2026-09-10 13:29:29

Product Name: **α -Cholestane**

CAS Number: 481-21-0

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

Lot #: I2402574

SKU # **C133856**

Version **0**

Analysis #: **401620**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.90 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 18.00 - 22.00 \text{ mg/ml Chlorofo$	23-27 ($^{\circ}$)	26.34 $^{\circ}$
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 ₃ , clear colorless to light yellow solution,50mg/ml	pass	Pass



John Su
QA & QC Manager