

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-07 17:00:55

Date of Next Testing: 2027-05-07 17:00:55

Product Name: **α -Cholestane**

CAS Number: 481-21-0

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

Lot #: D2527141

SKU #: **C133856**

Version: **0**

Analysis #: **495216**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	100.00000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 18.00 - 22.00 \text{ mg/ml Chlorofo})$	23-27 (°)	23.86000 °
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	86.70000 %
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