

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-11 14:39:27

Date of Next Testing: 2027-12-11 14:39:27

Product Name: **α -Cholestane**

CAS Number: 481-21-0

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

Lot #: L2504282

SKU # **C133856**

Version **0**

Analysis #: **505037**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.60000 %
Specific Rotation [a] _D ²⁰ (c=2 in 18.00 - 22.00 mg/ml Chlorofo	23-27 (°)	27.00000 °
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	86.80000 %
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