

Certificate of Analysis

Date of Testing: 2023-02-12 10:59:31

Date of Next Testing: 2025-02-11 10:59:31

Product Name: **α -Cholestane**

CAS Number: 481-21-0

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

Lot #: B23071035

SKU #: **C133856**

Analysis: **151104**

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	86.5-87.5 (%)	87.00 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } 18.00 - 22.00 \text{ mg/ml Chlorofo}}$	23-27 (°)	26.45 °
Purity(GC)	97-100 (%)	97.01 %
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