

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-16 12:08:44

Date of Next Testing: 2026-01-15 12:08:44

Product Name: **5 α -cholestan-3 β -ol**

CAS Number: 80-97-7

Specifications & Purity: $\geq 98\%$

Lot #: A2409224

SKU #: **C130209**

Version: **1**

Analysis #: **314831**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.29000 %
Melting point	138-143 (°C)	141.54000 °C
Specific Rotation [a] ₂₀ /D(c=1 in CHCL ₃)	22-27 (°)	22.36200 °
Appearance (C130209)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (50 mg/ml, CHCl ₃)	pass	Pass



John Su
QA & QC Manager