

Certificate of Analysis

Date of Testing: 2025-03-13 15:40:43
Date of Next Testing: 2027-03-13 15:40:43
Product Name: **5 α -cholestan-3 β -ol**
CAS Number: 80-97-7
Specifications & Purity: \geq 98%
Lot #: F2309558
SKU #: **C130209**
Version: **1**
Analysis #: **480675**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.00%
Melting point	138-143 (°C)	142.00000 °C
Specific Rotation [a] ₂₀ /D(c=1 in CHCL ₃)	22-27 (°)	24.50°
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