

## Certificate of Analysis

Date of Testing: 2024-08-20 14:12:09  
Date of Next Testing: 2027-08-20 14:12:09  
Product Name: **5 $\alpha$ -Cholestan-3-one**  
CAS Number: 566-88-1  
Specifications & Purity: 97%  
Lot #: K2105671  
SKU #: **C171020**  
Version: **0**  
Analysis #: **401527**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> /D(c=1 CHCL <sub>3</sub> )	41-44.5 (°)	41.00°
Melting point	127-132 (°C)	128.50000 °C
Purity(HPLC)	97-100 (%)	97.60000 %
Appearance (C171020)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager