

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-14 19:11:50

Date of Next Testing: 2027-11-14 19:11:50

Product Name: **3-Alpha-Hydroxy-7-oxo-5beta-cholanic acid**

CAS Number: 4651-67-6

Specifications & Purity: $\geq 98\%$

Lot #: K2414063

SKU #: **A184646**

Version: **0**

Analysis #: **385663**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.31000 %
Melting point	200-206 (°C)	204.86000 °C
Appearance (A184646)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager