

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 10:44:00

Date of Next Testing: 2029-10-14 10:44:00

Product Name: **Cholesteryl stearate**

CAS Number: 35602-69-8

Specifications & Purity: $\geq 97\%$

Lot #: A2205068

SKU #: **C113862**

Version: **0**

Analysis #: **587456**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } \text{CHCl}_3)}$	-25--21 (°)	-21.40000 °
Purity(HPLC)	97-100 (%)	97.10000 %
Appearance (C113862)	White to off-white solid	White to off-white solid
cholesteric phase to smectic phase	75.5 °C	75.5 °C
crystalline phase to isotropic phase	83 °C	83 °C
isotropic phase to cholesteric phase	79.5 °C	79.5 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to Pale Yellow,Clear,25mg/ml in CHCl_3	pass	Pass



John Su
QA & QC Manager