

Certificate of Analysis

Date of Testing: 2022-08-15 15:10:27
Date of Next Testing: 2026-08-14 15:10:27
Product Name: **Cholesteryl chloride**
CAS Number: 910-31-6
Specifications & Purity: >95.0%(HPLC)
Lot #: H2211054
SKU #: **C130001**
Analysis: **099641**

Parameter	Limit Values	Result
Melting point	94-99 (°C)	95.16000 °C
Purity(HPLC)	95-100 (%)	97.63900 %
Specific Rotation [α] ₂₀ /D(c=1 in Toluene)	-28--24 (°)	-26.19°
Appearance (C130001)	White to Yellow to Tan Powder, Crystals or Chunks	White to Yellow to Tan Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to yellow, Slightly hazy,50mg/mL	pass	Pass



John Su
QA & QC Manager