

## Certificate of Analysis

Date of Testing: 2022-08-15 15:11:49  
Date of Next Testing: 2026-08-14 15:11:49  
Product Name: **Cholesteryl chloride**  
CAS Number: 910-31-6  
Specifications & Purity: >95.0%(HPLC)  
Lot #: H2211136  
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] <sub>20</sub> /D(c=1 in Toluene)                          | -28--24 (°)  | -26.19°  |
| Appearance (C130001)  | White to Yellow to Tan Powder,<br>Crystals or Chunks | White to Yellow to Tan Powder,<br>Crystals or Chunks |
| Infrared spectrum   | Conforms to Structure                                | Conforms to Structure                                |
| Proton NMR spectrum   | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in CHCL <sub>3</sub> , Colorless to yellow,<br>Slightly hazy,50mg/mL | pass   | Pass   |



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QA & QC Manager