

## Certificate of Analysis

Date of Testing: 2023-07-07 11:48:17  
Date of Next Testing: 2027-07-06 11:48:17  
Product Name: **Cholesteryl chloroformate**  
CAS Number: 7144-08-3  
Specifications & Purity: 97%  
Lot #: F23281122  
SKU #: **C107194**  
**Analysis:** **239582**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.40000 %
Melting point	116-120 (°C)	118.30000 °C
Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=2 in CHCL <sub>3</sub> )	-30--26 (°)	-28.20 °
Purity (Argentmetric Titration)	96.5-103.5 (%)	97.10 %
Appearance (C107194)	White to Off-white Powder,Crystals,Crystalline Powder and/or Chunks	White to Off-white Powder,Crystals,Crystalline Powder and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , Colorless to Light Yellow solution,Clear,5%	pass	Pass



John Su  
QA & QC Manager