

## Certificate of Analysis

Date of Testing: 2022-09-06 09:54:05  
 Date of Next Testing: 2026-09-05 09:54:05  
 Product Name: **Cholesteryl chloroformate**  
 CAS Number: 7144-08-3  
 Specifications & Purity: 97%  
 Lot #: I2201290  
 SKU #: **C107194**  
**Analysis:** **119524**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	96.5-103.5 (%)	100.70 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )	-30--26 (°)	-27.00 °
Purity(HPLC)	97-100 (%)	99.60000 %
Melting point	116-120 (°C)	118.00000 °C
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