

Certificate of Analysis

Date of Testing: 2023-02-22 10:26:26
 Date of Next Testing: 2027-02-21 10:26:26
 Product Name: **Cholesteryl chloroformate**
 CAS Number: 7144-08-3
 Specifications & Purity: 97%
 Lot #: B2311488
 SKU #: **C107194**
Analysis: **176305**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	96.5-103.5 (%)	100.20 %
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	-30--26 (°)	-27.10 °
Purity(HPLC)	97-100 (%)	99.10000 %
Melting point	116-120 (°C)	117.30000 °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