

Certificate of Analysis

Date of Testing: 2024-08-14 13:03:24
Date of Next Testing: 2028-08-13 13:03:24
Product Name: **Cholesteryl chloroformate**
CAS Number: 7144-08-3
Specifications & Purity: 95%
Lot #: G2431188
SKU #: **C498284**
Version: **1**
Analysis #: **390554**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.10 %
Purity (Argentmetric Titration)	94.5-101.5 (%)	98.60 %
Melting point	116-120 (°C)	116.20000 °C
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	-30--26 (°)	-28.30 °
Appearance(C498284)	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