

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                  |
|--------------------------|----------------------------------|
| Date of Testing:         | 2023-02-24 09:13:47              |
| Date of Next Testing:    | 2027-02-23 09:13:47              |
| Product Name:            | <b>Cholesteryl chloroformate</b> |
| CAS Number:              | 7144-08-3                        |
| Specifications & Purity: | 95%                              |
| Lot #:                   | B2317583                         |
| SKU #                    | <b>C498284</b>                   |
| <b>Analysis:</b>         | <b>191337</b>                    |
| Storage Temperature:     | Argon charged                    |

| Parameter  | Limit Values  | Result  |
|--|---|---|
| Purity(HPLC area)  | 95-100 (%)  | 95.00 %   |
| Purity (Argentmetric Titration)  | 94.5-101.5 (%)  | 100.20 %  |
| Melting point  | 116-120 (°C)  | 117.00000 °C  |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )      | -30~-26 (°)   | -27.00 °  |
| Appearance(C498284)  | White to Off-white<br>Powder,Crystals,Crystalline Powder<br>and/or Chunks | White to Off-white<br>Powder,Crystals,Crystalline Powder<br>and/or Chunks |
| Infrared spectrum  | Conforms to Structure   | Conforms to Structure   |
| Solubility in Toluene , Colorless to<br>Light Yellow solution,Clear,5% | pass  | Pass  |



John Su  
QA & QC Manager