

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-27 19:00:17

Date of Next Testing: 2028-06-26 19:00:17

Product Name: **Cholesterol Pelargonate**

CAS Number: 1182-66-7

Specifications & Purity:  $\geq 93\%$

Lot #: F2419202

SKU #: **C153358**

Version: **0**

Analysis #: **343024**

Storage Temperature: Room temperature

| Parameter                                               | Limit Values             | Result                   |
|---------------------------------------------------------|--------------------------|--------------------------|
| Melting point                                           | 74-82 (°C)               | 80.67000 °C              |
| Purity(HPLC)                                            | 93-100 (%)               | 99.23700 %               |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in THF})$ | -31--27 (°)              | -27.00700 °              |
| Appearance (C153358)                                    | White to off-white solid | White to off-white solid |
| Proton NMR spectrum                                     | Conforms to Structure    | Conforms to Structure    |
| Solubility in CHCL <sub>3</sub> , 2.5%                  | Colorless transparent    | Colorless transparent    |



John Su  
QA & QC Manager