

## Certificate of Analysis

Date of Testing: 2022-08-12 10:23:31  
Date of Next Testing: 2024-08-11 10:23:31  
Product Name: **Cholesteryl palmitate**  
CAS Number: 601-34-3  
Specifications & Purity:  $\geq 97.0\%$   
Lot #: J2019161  
SKU #: **C135859**  
**Analysis:** **124295**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter  | Limit Values           | Result                |
|--|------------------------|-----------------------|
| Purity(Ester Value)  | 97-100 (%)             | 97.11 %               |
| Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in CHCL}_3)$ | -25--22 ( $^{\circ}$ ) | -22.50 $^{\circ}$     |
| Infrared spectrum  | Conforms to Structure  | Conforms to Structure |
| Solubility in CHCL <sub>3</sub>                            | almost transparency    | almost transparency   |



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