

## Certificate of Analysis

Date of Testing: 2023-03-04 15:56:41  
Date of Next Testing: 2025-03-03 15:56:41  
Product Name: **Cholesteryl hemisuccinate**  
CAS Number: 1510-21-0  
Specifications & Purity:  $\geq 97.0\%$   
Lot #: B2328435  
SKU #: **C132483**  
Version: **1**  
Analysis #: **182172**

Parameter	Limit Values	Result
Melting point	175-181 (°C)	178.30000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	-36--32 (°)	-32.11°
Purity(Neutralization titration)	97-103 (%)	103.00 %
Appearance (C132483)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL <sub>3</sub> ,Colorless or light-yellow	Clear 50 mg/ml Pass	Pass



John Su  
QA & QC Manager