

Certificate of Analysis

Date of Testing: 2023-03-04 16:01:22
Date of Next Testing: 2025-03-03 16:01:22
Product Name: **Cholesteryl hemisuccinate**
CAS Number: 1510-21-0
Specifications & Purity: $\geq 97.0\%$
Lot #: B2328433
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 ₃ ,Colorless or light-yellow | Clear 50 mg/ml Pass | Pass |



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