

Certificate of Analysis

Date of Testing: 2023-01-11 15:05:28
Date of Next Testing: 2025-01-10 15:05:28
Product Name: **Cholesteryl hemisuccinate**
CAS Number: 1510-21-0
Specifications & Purity: $\geq 97.0\%$
Lot #: C2120059
SKU #: **C132483**
Analysis: **177756**

| Parameter | Limit Values | Result |
|---|------------------------------|------------------------------|
| Melting point | 175-181 (°C) | 178.86000 °C |
| Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃) | -36--32 (°) | -34.30 ° |
| Purity(Neutralization titration) | 97-103 (%) | 100.59 % |
| 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 Clear 50 mg/ml | pass | Pass |



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