

Certificate of Analysis

Date of Testing: 2023-06-13 14:05:44
Date of Next Testing: 2025-06-12 14:05:44
Product Name: **Cholesteryl hemisuccinate**
CAS Number: 1510-21-0
Specifications & Purity: $\geq 97.0\%$
Lot #: I2104145
SKU #: **C132483**
Analysis: **240467**

Parameter	Limit Values	Result
Melting point	175-181 (°C)	178.30000 °C
Specific Rotation [α] ₂₀ /D(c=2 in CHCL ₃)	-36--32 (°)	-34.20°
Purity(Neutralization titration)	97-103 (%)	98.85 %
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



John Su
QA & QC Manager