

Certificate of Analysis

Date of Testing: 2025-03-17 08:48:28
Date of Next Testing: 2027-03-17 08:48:28
Product Name: **Cholesteryl hemisuccinate**
CAS Number: 1510-21-0
Specifications & Purity: $\geq 97\%$
Lot #: C2514736
SKU #: **C132483**
Version: **1**
Analysis #: **476804**

Parameter	Limit Values	Result
Melting point	175-181 (°C)	175.10000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	-36--32 (°)	-34.41°
Purity(Neutralization titration)	97-103 (%)	101.01 %
Appearance (C132483)	White or light yellow powder	White or light yellow powder
Solubility in CHCL ₃ , Colorless or light-yellow	Clear 50 mg/ml	Pass
Proton NMR spectrum	Pass	Pass
	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager