

Specification Sheet

Product Name: **Cholesteryl stearate**
Specifications & Purity: $\geq 97.0\%$
SKU #: **C113862**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in CHCl}_3)$	-25--21 (°)
Purity(HPLC)	97-100 (%)
Appearance (C113862)	White to off-white solid
cholesteric phase to smectic phase	75.5 °C
crystalline phase to isotropic phase	83 °C
isotropic phase to cholesteric phase	79.5 °C
Proton NMR spectrum	Conforms to Structure
Solubility,Colorless to Pale Yellow,Clear,25mg/ml in CHCl ₃	pass