

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Cholesterol, Plant-Derived**
Specifications & Purity: **≥98%**
SKU #: **C432977**

Parameter	Limit Values
Appearance(C432977)	White to Off-White Crystalline Powder or Flakes
Solubility at 1% & 2% in warm alcohol , Clear, no turbidity after two hours	Pass
Specific Rotation [α] ₂₀ /D(c=2 in Dioxane)	-38~-34 (°)
Sulphated ash	0-0.1 (%)
Carbon by Elemental Analysis	82.9-84.9 (%)
Heavy metals (as Lead)	0-20 (ppm)
Hydrogen by Elemental Analysis	11.43-12.38 (%)
Proton NMR spectrum	Conforms to Structure
Loss on drying	0-0.3 (%)
Melting point	147-150 (°C)
TLC	corresponds to standard
Impurity(Campersterol)	0-2 (%)
Impurity(Sitosterol)	0-2 (%)
Total Impurities	0-2 (%)
Methanol(CH ₃ OH)	0-3000 (ppm)
Residual Solvent(Ethyl Acetate)	0-5000 (ppm)
Purity(HPLC area)	98-100 (%)