

**cholesterol (plant)**  
 cholesterol (plant derived)  
**700100P-100mg**

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**Molecular Weight** 386.654  
**Chemical Formula** C<sub>27</sub>H<sub>46</sub>O  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5180PLB020  
**Avanti Lot Number** 700100P-100MG-B-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (2:1 Hexane:Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H-H <sub>2</sub> O] <sup>+</sup> = 369.654 ± 1 amu	[M+H-H <sub>2</sub> O] <sup>+</sup> = 369.4 amu

Approved by:

