

**Cholesterol (plant)**

Cholesterol (plant derived)

**700100P-1g**

Page 1 of 1

<b>Molecular Weight</b>	386.654
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>46</sub> O
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5180PQA035
<b>Avanti Lot Number</b>	700100P-1G-A-035

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
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> = 369.6 amu

 Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.