

Cholesterol (plant)
 Cholesterol (plant derived)
700100P-500mg

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Molecular Weight 386.654
Chemical Formula C₂₇H₄₆O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5180PPB034
Avanti Lot Number 700100P-500MG-B-034

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|--|
| Physical Examination | Powder: 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 ₂ O] ⁺ = 369.654 ± 1 amu | [M+H-H ₂ O] ⁺ = 369.45 amu |

Approved By: *Meredit Bayood*

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