

sitosterol

22,23-dihydrostigmasterol

700095P-5mg

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Molecular Weight 414.707
Chemical Formula C₂₉H₅₀O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5176PHH012
Avanti Lot Number 700095P-5MG-H-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (7:3 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)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 432.707 ± 1 amu	[M+NH ₄] ⁺ = 432.2 amu

Approved By: *Anderson Thomas*

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