

sitostanol

β-sitostanol

700121P-5mg

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Molecular Weight	416.723
Chemical Formula	C ₂₉ H ₅₂ O
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5190PHI020
Avanti Lot Number	700121P-5MG-I-020

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)	99.4% (AUC)
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 434.723 ± 1 amu	[M+NH ₄] ⁺ = 434.8 amu

 Approved By: *Anderson Thomas*

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