

**sitosterol**  
**22,23-dihydrostigmasterol**  
**700095P-25mg**

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**Molecular Weight** 414.707  
**Chemical Formula** C<sub>29</sub>H<sub>50</sub>O  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5176PJB012  
**Avanti Lot Number** 700095P-25MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 432.707 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 432.2 amu

Approved By:



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