

**sitostanol**

β-sitostanol

**700121P-5mg**

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<b>Molecular Weight</b>	416.723
<b>Chemical Formula</b>	C <sub>29</sub> H <sub>52</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>	5190PHC020
<b>Avanti Lot Number</b>	700121P-5MG-C-020

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

Approved by:

