

**Sitoindoside I**6-O-palmitoyl-sitosteryl- $\beta$ -D-glucose

700158P-1mg

Page 1 of 1

**Molecular Weight** 815.256  
**Chemical Formula** C<sub>51</sub>H<sub>90</sub>O<sub>7</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5217PGD010  
**Avanti Lot Number** 700158P-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 833.256 $\pm$ 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 833.3 amu

Approved by: *Andriana Thomas*

For Research Use Only. Not For Human Use.