

**3 $\beta$ ,7 $\alpha$ ,25-trihydroxy-5-cholestenoic acid**

 cholest-5-en-26-oic acid, 3 $\beta$ ,7 $\alpha$ ,25-trihydroxy

**700132P-1mg**

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<b>Molecular Weight</b>	448.635
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>44</sub> O <sub>5</sub>
<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>	5201PGA010
<b>Avanti Lot Number</b>	700132P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	99.9% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 466.635 ± 1 amu	Pass

Approved by:

