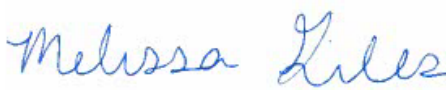


12-ketolithocholic acid**5 β -cholanic acid-3 α -ol-12-one****700239P-10mg****Page 1 of 1**

Molecular Weight 390.56
Chemical Formula C₂₄H₃₈O₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6730PIC010
Avanti Lot Number 700239P-10MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 389.56 $\pm$ 1 amu	[M-H] ⁻ = 389.8 amu

Approved By: 

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