

## Ursodeoxycholic acid

5 $\beta$ -cholanolic acid-3 $\alpha$ ,7 $\beta$ -diol

**700199P-10MG**

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<b>Molecular Weight</b>	392.57
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>40</sub> O <sub>4</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>	6683PID010
<b>Avanti Lot Number</b>	700199P-10MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorous: 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] <sup>-</sup> = 391.58 $\pm$ 1 amu [M+CH <sub>3</sub> COO] <sup>-</sup> = 451.58 $\pm$ 1 amu	[M-H] <sup>-</sup> = 391.5 amu [M+CH <sub>3</sub> COO] <sup>-</sup> = 451.5 amu

Approved By:



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