

## Certificate of Analysis

## Glyco-y-muricholic acid

5β-cholanic acid-3α,6α,7α-triol N-(2-carboxymethyl)-amide

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**Expiration Date** One year from date of receipt

M Lot Number 6876PGC010

Avanti Lot Number 700262P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder</b> : White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative lodine: 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] <sup>-</sup> = 464.63 ± 1 amu	[M-H] <sup>-</sup> = 464.6 amu

Approved By:

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