

C12 Carnitine

lauroyl L-carnitine

870850P-5mg**Page 1 of 1**

Molecular Weight 343.501
Chemical Formula C₁₉H₃₇NO₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6259PHD011
Avanti Lot Number 870850P-5MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 344.5 ± 1 amu	[M+H] ⁺ = 344.4 amu

Approved By: 

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