

C12 Carnitine

lauroyl L-carnitine

870850P-5mg

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Molecular Weight	343.501
Chemical Formula	C ₁₉ H ₃₇ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6259PHB011
Lot Number	870850P-5MG-B-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:

