

C16 Carnitine

palmitoyl L-carnitine

870851P-5mg
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Molecular Weight	399.608
Chemical Formula	C ₂₃ H ₄₅ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6260PHH010
Lot Number	870851P-5MG-H-010

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] ⁺ = 400.608 ± 1 amu	[M+H] ⁺ = 400.80 amu

Approved by:



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