

C18:1(Δ^9 -cis) Carnitine

oleoyl L-carnitine

870852P-5mg

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Molecular Weight	425.6
Chemical Formula	C ₂₅ H ₄₇ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6261PHB013
Lot Number	870852P-5MG-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:30:6 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 426.6 ± 1 amu	[M+H] ⁺ = 426.5 amu

Approved by: *Meredith Bayfoot*

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