

C16 Carnitine

palmitoyl L-carnitine

870851P-5mg**Page 1 of 1**

Molecular Weight 399.608
Chemical Formula C₂₃H₄₅NO₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6260PHF010
Lot Number 870851P-5MG-F-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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