

16:0 NBD PE**1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)****810144P-5mg****Page 1 of 1**

Molecular Weight 872.090
Chemical Formula C₄₃H₇₈N₅O₁₁P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5337PHO039
Avanti Lot Number 810144P-5MG-O-039

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to slight positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	460nm/535nm	Pass
Mass Spectroscopy	[M-NH ₄] ⁺ = 854.090 ± 1 amu	[M-NH ₄] ⁺ = 853.6 amu

Approved By: *Anderson Thomas*

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