

18:0 NBD PE (NBD-DSPE)

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

810141P-1mg

Page 1 of 1

Molecular Weight	928.186
Chemical Formula	C ₄₇ H ₈₆ N ₅ O ₁₁ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5334PGA013
Avanti Lot Number	810141P-1MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow or 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
Mass Spectroscopy	[M-NH ₄] ⁺ = 910.186 ± 1 amu	Pass
Excitation/Emission by UV/VIS	λ _{Ex max} 460nm λ _{Em max} 535nm	Pass

Approved By: *Meredith Baygood*

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