

## 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

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**Molecular Weight** 928.186  
**Chemical Formula**  $C_{47}H_{86}N_5O_{11}P$   
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5334PGD013  
**Avanti Lot Number** 810141P-1MG-D-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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	$[M-NH_4]^+ = 910.186 \pm 1$ amu or $[M+H]^+ = 929.186 \pm 1$ amu	$[M-NH_4]^+ = 910.0$ amu
Excitation/Emission by UV/VIS	$\lambda_{Ex \text{ max}} = 460\text{nm}$ $\lambda_{Em \text{ max}} = 535\text{nm}$	Pass

Approved By:



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