

## 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-10mg

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<b>Molecular Weight</b>	928.186
<b>Chemical Formula</b>	C <sub>47</sub> H <sub>86</sub> N <sub>5</sub> O <sub>11</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5334PIF012
<b>Avanti Lot Number</b>	810141P-10MG-F-012

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 <sub>4</sub> ] <sup>+</sup> = 910.186 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 910.0 amu
Excitation/Emission by UV/VIS	λ <sub>Ex</sub> max = 460nm λ <sub>Em</sub> max = 535nm	Pass

*Kristina Gee*

Approved By:

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