

Egg NBD PE

L- α -Phosphatidylethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (Ammonium Salt) (Egg-Transphosphatidylated, Chicken)

810118P-1mg

Page 1 of 1

Molecular Weight	898.117 (predominant species)
Chemical Formula	C ₄₅ H ₈₀ N ₅ O ₁₁ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5316PGA055
Avanti Lot Number	810118P-1MG-A-055

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: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/Vis	$\lambda_{\text{max Ex}} = \sim 460\text{nm}$ $\lambda_{\text{max Em}} = \sim 535\text{nm}$	Pass
Mass Spectroscopy	$[M+H]^+ = 599.117 \pm 1 \text{ amu}$	Pass

Approved By:

Meredith Baybutt

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