

## Egg Liss Rhod PE

L- $\alpha$ -Phosphatidylethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt)  
 (Egg-Transphosphatidylated, Chicken)

810146C-5mg

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**Molecular Weight** 1275.678 (predominant species)  
**Chemical Formula**  $C_{66}H_{107}N_4O_{14}PS_2$   
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5339CHC069  
**Avanti Lot Number** 810146C-5MG-C-069

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Pink to dark pink solution with no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity UV: one major spot Ninhydrin: n/a Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	Run & Report	$\lambda_{Ex\ max} = 560\ nm$ $\lambda_{Em\ max} = 579\ nm$
Mass Spectroscopy	$[M-NH_4]^+ = 1257.678 \pm 1\ amu$	$[M-NH_4]^+ = 1257.12\ amu$
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
NBD/Liss Rhod Concentration	Run and Report	19.8 mg/ml

Approved by:



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