

## Egg Liss Rhod PE

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

(Egg-

810146P-1mg

Page 1 of 1

**Molecular Weight** 1275.678 (predominant species)  
**Chemical Formula** C<sub>66</sub>H<sub>107</sub>N<sub>4</sub>O<sub>14</sub>PS<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5339PGC069  
**Avanti Lot Number** 810146P-1MG-C-069

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Pink to dark pink powder which contains 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 <sub>4</sub> ] <sup>+</sup> = 1257.678 $\pm$ 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 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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