

18:1 Liss Rhod PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt)

810150C-5mg

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Molecular Weight	1301.715
Chemical Formula	C ₆₈ H ₁₀₉ N ₄ O ₁₄ PS ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5340CHD091
Avanti Lot Number	810150C-5MG-D-091

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Pink to dark pink solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/Vis	560nm/583nm	$\lambda_{Ex\ max} = 560nm$ $\lambda_{Em\ max} = 579\ nm$
Mass Spectroscopy	[M-NH ₄] ⁺ = 1283.715 ± 1 amu	[M-NH ₄] ⁺ = 1283.1 amu

Approved By: *Anderson Thomas*

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