

18:1 Liss Rhod PE

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

810150P-5mg

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Molecular Weight	1301.715
Chemical Formula	C ₆₈ H ₁₀₉ N ₄ O ₁₄ PS ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5340PHD091
Avanti Lot Number	810150P-5MG-D-091

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Pink to dark pink solid with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: n/a Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity UV: one major spot Ninhydrin: n/a Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Excitation/Emission by UV/Vis	560nm/583nm	$\lambda_{Ex\ max} = 560nm$ $\lambda_{Em\ max} = 579\ nm$
Mass Spectroscopy	$[M-NH_4]^+ = 1283.715 \pm 1\ amu$	$[M-NH_4]^+ = 1283.1\ amu$

Approved By: *Meredith Bayroot*

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