

## 18:0 Liss Rhod PE

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

810179P-1MG

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<b>Molecular Weight</b>	1323.80
<b>Chemical Formula</b>	$C_{68}H_{117}N_5O_{14}PS_2^+$
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	7118PGC010
<b>Avanti Lot Number</b>	810179P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> Pink-purple solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Excitation/Emission by UV/VIS	$\lambda_{Ex\ max} = 560\ nm$ $\lambda_{Em\ max} = 579\ nm$	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M-2NH_4]^+ = 1287.8 \pm 1\ amu$	$[M+H]^+ = 1287.1\ amu$

Approved By:



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