

5-DOXYL Stearic acid, ammonium salt

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810612P-5mg**Page 1 of 1**

Molecular Weight 401.61
Chemical Formula C₂₂H₄₅N₂O₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6570PHD010
Avanti Lot Number 810612P-5MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 383.61 ± 1 amu	[M-NH ₄] ⁺ = 383.6 amu



Approved By:

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