

**5-DOXYL Stearic acid, ammonium salt**

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**810612P-5mg**

Page 1 of 1

<b>Molecular Weight</b>	401.61
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>45</sub> N <sub>2</sub> O <sub>4</sub>
<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>	6570PHA010
<b>Avanti Lot Number</b>	810612P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 383.61 ± 1 amu	[M-NH <sub>4</sub> ] <sup>+</sup> = 383.6 amu

Approved By:



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