

LDAO

N,N-dimethyldodecylamine N-oxide

850545P-5g

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Molecular Weight	229.402
Chemical Formula	C ₁₄ H ₃₁ NO
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5724PRB013
Avanti Lot Number	850545P-5G-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 230.402 ± 1 amu	[M+H] ⁺ = 230.2 amu

Approved By:

