

LDAO

N,N-dimethyldodecylamine N-oxide

850545P-5g

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Molecular Weight 229.402
Chemical Formula C₁₄H₃₁NO
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5724PRD014
Avanti Lot Number 850545P-5G-D-014

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] ⁺ = 230.3 amu

Approved By: *Anderson Thomas*

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