

16:0 aldehyde

hexadecanal

857458M-1mg

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Molecular Weight 240.425
Chemical Formula C₁₆H₃₂O
Physical State Methylene Chloride
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5839MGA013
Avanti Lot Number 857458M-1MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Methylene Chloride: Clear solution with no foreign matter.	Pass
TLC (9:1 Hexane:Ethyl Acetate)	>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+NH ₄] ⁺ = 258.425 ± 1 amu	[M+NH ₄] ⁺ = 258.7 amu

Approved By:

