

16:1 aldehyde**(2E)-hexadecenal****857459P-1mg****Page 1 of 1**

Molecular Weight 238.409
Chemical Formula C₁₆H₃₀O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5840PGE010
Avanti Lot Number 857459P-1MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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] ⁺ = 256.409 ± 1 amu	[M+NH ₄] ⁺ = 256.0 amu

Approved by:

Meredith Bayfoot

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