

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 5840PGF010
Avanti Lot Number 857459P-1MG-F-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: *Anderson Thomas*

For Research Use Only. Not For Human Use.