

1-C16 Ether MG

1-O-hexadecyl-sn-glycerol (HG)

999971P-250mg

Page 1 of 1

Molecular Weight	316.519
Chemical Formula	C ₁₉ H ₄₀ O ₃
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6390POA012
Avanti Lot Number	999971P-250MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter	Pass
TLC (97:3 Chloroform:Methanol)	>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] ⁺ = 317.519 ± 1 amu	[M+H] ⁺ = 317.6 amu

Approved by:

