

**7.9 MAG**

1-(7Z-hexadecenoyl)-rac-glycerol

**850534O-1g**

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<b>Molecular Weight</b>	328.487
<b>Chemical Formula</b>	C <sub>19</sub> H <sub>36</sub> O <sub>4</sub>
<b>Physical State</b>	Neat Oil
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5713OQC019
<b>Avanti Lot Number</b>	850534O-1G-C-019

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Oil:</b> Clear, viscous liquid with no foreign matter.	Pass
TLC (1:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:1 (AUC)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 346.487 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 346.6 amu

Approved by:

