

**10MAG**

1-decanoyl-rac-glycerol

**850544O-1g**

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<b>Molecular Weight</b>	246.343
<b>Chemical Formula</b>	C <sub>13</sub> H <sub>26</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>	5723OQA012
<b>Avanti Lot Number</b>	850544O-1G-A-012

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 10:0 (AUC)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 264.343 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 264.1 amu

Approved By:

