

**Triolein (18:1 TG)**

1,2,3-tri-(9Z-octadecenoyl)-glycerol

**8701100-1mg**
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<b>Molecular Weight</b>	885.432
<b>Chemical Formula</b>	C <sub>57</sub> H <sub>104</sub> O <sub>6</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>	6159OGF029
<b>Avanti Lot Number</b>	8701100-1MG-F-029

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Oil:</b> Clear, near colorless oil	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 903.4 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 903.2 amu

Approved By: *Melissa Liles*

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