

Hydrogenated MGDG

monolactosyldiacylglycerol (plant, hydrogenated)

840526P-5mg

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Molecular Weight	759.11 (Average based on fatty acid distribution in product)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6461PHE010
Avanti Lot Number	840526P-5MG-E-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform:Methanol)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: Positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M+NH_4]^+ = 777.11 \pm 1$ amu (predominant species)	$[M+NH_4]^+ = 776.6$ amu

Approved By:



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