

Hydrogenated DGDG

Digalactosyldiacylglycerol (plant, hydrogenated)

840527P-5mg

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Molecular Weight	949.3 (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	6475PHD010
Avanti Lot Number	840527P-5MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform:Methanol:Water)	>99% Purity Ninhydrin spray: 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	$[M+NH_4]^+ = 967.3 \pm 1$ amu (predominant species)	$[M+NH_4]^+ = 966.6$ amu

 Approved By: *Anderson Thomas*

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