

**SQDG**

sulfoquinovosyldiacylglycerol

**840525P-5mg**

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<b>Molecular Weight</b>	834.152
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>79</sub> NO <sub>12</sub> S
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5558PHA023
<b>Avanti Lot Number</b>	840525P-5MG-A-023

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 10% total all wavelengths	1.5% total
FAME (GC/FID)	Consistent with historical data: 16:0 = ~45% 18:2 = ~5% 18:3 = ~50%	16:0 = 47% 18:2 = 4.1% 18:3 = 47.9%
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>+</sup> = 816.152 ± 1 amu (predominant species)	[M-NH <sub>4</sub> ] <sup>+</sup> = 815.8 amu (predominant species)

Approved By:



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