

**DOCP**

2-((2,3-bis(oleoyloxy)propyl)dimethylammonio)ethyl hydrogen phosphate

**850311P-100mg**

Page 1 of 1

<b>Molecular Weight</b>	772.087
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>82</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5631PLA013
<b>Avanti Lot Number</b>	850311P-100MG-A-013

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: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 773.087 ± 1 amu	[M+H] <sup>+</sup> = 773.1 amu

Approved by:

