

## Egg SM

Sphingomyelin (Egg, Chicken)

860061P-1g

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<b>Molecular Weight</b>	710.965 (average based on fatty acid distribution in product)
<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>	5869PQB121
<b>Avanti Lot Number</b>	860061P-1G-B-121

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 704.0 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 703.7 amu (predominant species)

*Melissa Bolin*

Approved By:

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