

Egg SM

Sphingomyelin (Egg, Chicken)

860061P-1g

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Molecular Weight	710.965 (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	5869PQA122
Avanti Lot Number	860061P-1G-A-122

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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	$[M+H]^+ = 704.0 \pm 1$ amu (predominant species)	$[M+H]^+ = 703.6$ amu (predominant species)

Approved By: *Anderson Thomas*

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