

Egg SM

Sphingomyelin (Egg, Chicken)

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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 5869PQA121
Avanti Lot Number 860061P-1G-A-121

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)	$[M+H]^+ = 703.7$ amu (predominant species)

Approved By: *Anderson Thomas*

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