

Egg SM
Sphingomyelin (Egg, Chicken)
860061C-200MG

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Molecular weight 710.965 (average based on fatty acid distribution in product)
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5869CNA116
Avanti Lot Number 860061C-200MG-A-116

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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
Mass Spectroscopy	$[M+H]^+ = 704.0 \pm 1$ amu (predominant species)	$[M+H]^+ = 704.1$ amu

Approved By:

