

**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** 5869PQB116  
**Avanti Lot Number** 860061P-1G-B-116

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
Mass Spectroscopy	$[M+H]^+ = 704.0 \pm 1$ amu (predominant species)	$[M+H]^+ = 704.1$ amu

Approved By:

