

**Ceramide (Brain)**

Ceramide (Brain, Porcine)

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**Molecular Weight** 565.954 (based on representative structure; may not reflect exact MW of compound)  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5865PJA029  
**Avanti Lot Number** 860052P-25MG-A-029

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M+H]^+ = 566.954 \pm 1$ amu (predominant species)	$[M+H]^+ = 566.5$ amu

Approved By: *Andriano Thomas*

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