

Ganglioside GM3 (Bovine Milk)

GM3 Ganglioside (Milk, Bovine-Ammonium Salt)

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Molecular Weight 1268.653 (predominant species)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5867PGA019
Avanti Lot Number 860058P-1MG-A-019

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (5:4:1 Chloroform: Methanol: Water)	>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	$[M-NH_4]^+ = 1250.653 \pm 1$ amu (predominant species)	$[M-NH_4]^+ = 1250.5$ amu

Approved By:



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