

Ganglioside GM3 (Bovine Milk)

GM3 Ganglioside (Milk, Bovine-Ammonium Salt)

860058P-5mg

Page 1 of 1

Molecular Weight	1268.653 (predominant species)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5867PHC021
Avanti Lot Number	860058P-5MG-C-021

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)	$[M-NH_4]^+ = 1249.8$ amu

Approved By:

Melissa Liles

For Research Use Only. Not For Human Use.