

Glucosylceramide (Soy)

(Glucocerebrosides (Soy, 98%))

131304P-10mg

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Formula Weight	714.025 (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	5005PIA043
Avanti Lot Number	131304P-10MG-A-043

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20:2 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
FAME (GC/FID)	Consistent with historical data	Consistent with historical data
UV Oxidation	NMT 5% total all wavelengths	0.56% total all wavelength
Mass Spectroscopy	$[M+H]^+ = 715.0 \pm 1$ amu	$[M+H]^+ = 714.6$ amu

Approved By:



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