

Glucosylceramide (Soy)
 (Glucocerebrosides (Soy, 98%))

131304P-25mg

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Molecular 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	5005PJC042
Avanti Lot Number	131304P-25MG-C-042

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
UV Oxidation	NMT 5% total all wavelengths	0.58% total
FAME (GC/FID)	Consistent with historical data	Consistent with historical data
Mass Spectroscopy	$[M+H]^+ = 715.025 \pm 1$ amu	$[M+H]^+ = 714.63$ amu

Approved By: *Meredith Baygood*

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