

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB3751	
Compound name	$\alpha$ -Galactosylceramide (alpha-GalCer)	
Chemical name	$\alpha$ -Galactosylceramide	
Batch number	E1584-1-1	
Batch molecular formula	$C_{50}H_{99}NO_9$	
Batch molecular weight	858.30	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >96% purity	Meets specification: 96.0%
NMR	$^1H$ NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in pyridine	Meets specification

Produced by

Signature

Passed by

Signature

Date

11-05-21

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.