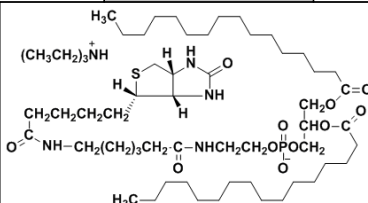


Certificate of Analysis

(C of A)

Name:		Biotin-X DHPE 6-(((Biotinoyl)amino)hexanoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine triethylammonium salt			
Catalog Number:		6754		Lot:	50708
CAS Number:		N/A		Formula:	C ₅₉ H ₁₁₄ N ₅ O ₁₁ PS
Molecular Weight:		1132.61 (g/mol)			
		Observed		Standard	
TLC Purity:		> 95%		≥ 90%	
TLC System:		75:20:5 Chloroform / Methanol / Acetic Acid with Biotin Dip			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		15256	Release:	21-Dec-2015	Expiration: 21-Dec-2025
Structure:					

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 21-Dec-2015

Signature:

Dianna M Wineinger