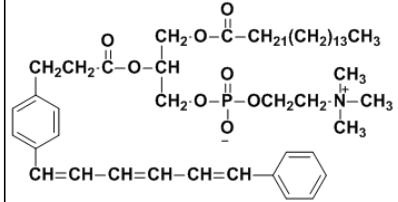


## Certificate of Analysis

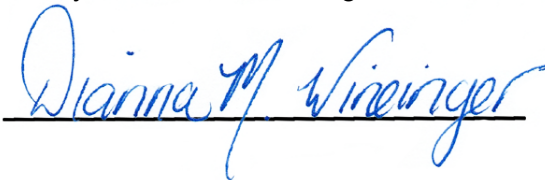
(C of A)

Name:	<b>β-DPH HPC</b> 2-(3-(Diphenylhexatrienyl)propanoyl)-1-hexadecanoyl-sn-glycero-3-phosphocholine		
Catalog Number:	6842	Lot:	50187
CAS Number:	98014-38-1	Formula:	C <sub>45</sub> H <sub>68</sub> NO <sub>8</sub> P
Molecular Weight:	782.01 (g/mol)		
<b>Observed</b> vs <b>Standard</b>			
HPLC Purity:	99% at 355 nm		≥ 90% at 355 nm
<b>Absorption (Methanol)</b>			
Wavelength (λ <sub>max</sub> ):	355 nm		355 ± 3 nm
Extinction:	83,400 cm <sup>-1</sup> M <sup>-1</sup>		80,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>
TLC Purity:	> 97%		≥ 90%
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	14483	Release:	08-Oct-2014
		Expiration:	08-Oct-2024
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:** 08-Oct-2014

**Signature:** 

**Date:** 02-Dec-2022