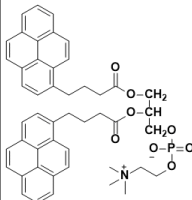


## Certificate of Analysis

(C of A)

Name:		BPB-PC [Phospholipase A substrate] 1,2-Bis-(1-Pyrenebutanoyl)-sn-Glycero-3-Phosphocholine			
Catalog Number:	7896	Lot:		51416	
CAS Number:	80115-55-5	Formula:		C <sub>48</sub> H <sub>48</sub> NO <sub>8</sub> P	
Molecular Weight:	797.87 (g/mol)				
	Observed			Standard	
Absorption (Ethanol)					
Wavelength (λ <sub>max</sub> ):	342 nm			342 ± 3 nm	
Extinction:	68,400 cm <sup>-1</sup> M <sup>-1</sup>			70,000 ± 5,000 cm <sup>-1</sup> M <sup>-1</sup>	
Fluorescence (Ethanol)					
Emission Max:	472 nm			475 ± 4 nm	
TLC Purity:	> 98%			≥ 90%	
TLC System:	70:24:3:3 Chloroform / Methanol / Acetic acid / Water				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	16051	Release:	30-May-2018	Expiration:	30-May-2028
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:** 30-May-2018

**Signature:**

*Dianna M. Wineinger*