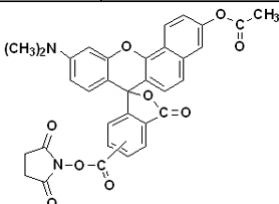


Certificate of Analysis (C of A)			
Name:	5-(6)-Carboxy RhodFluor, Acetate, Succinimidyl Ester *Sp-Pak*		
Catalog Number:	7193	Lot:	51277
CAS Number:	N/A	Formula:	C ₃₃ H ₂₄ N ₂ O ₉
Molecular Weight:	592.56 (g/mol)		
	Observed	Standard	
Absorption (Acetonitrile)			
Wavelength (λ_{max}):	240 nm	240 \pm 3 nm	
Extinction:	62,200 cm ⁻¹ M ⁻¹	65,000 \pm 5,000 cm ⁻¹ M ⁻¹	
TLC Purity:	> 95%	\geq 90%	
TLC System:	2:1 Ethyl acetate / Hexane		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15901	Release:	13-Nov-2017
		Expiration:	13-Nov-2022
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: 13-Nov-2017

Signature: 