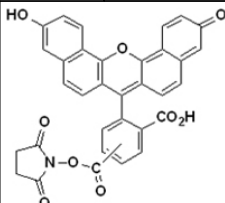


Certificate of Analysis

(C of A)

Name:		CNF, SE *Mixed Isomers* 5(6)-Carboxynaphthofluorescein , succinimidyl ester			
Catalog Number:		6964	Lot:		52067
CAS Number:		150347-58-3	Formula:		C ₃₃ H ₁₉ NO ₉
Molecular Weight:		573.51 (g/mol)			
		Observed	Standard		
HPLC Purity:		94% at 254 nm	≥ 90% at 254 nm		
Absorption (Buffer pH10)					
Wavelength (λ _{max}):		602 nm	602 ± 3 nm		
Extinction:		47,500 cm ⁻¹ M ⁻¹	48,000 ± 4,000 cm ⁻¹ M ⁻¹		
TLC Purity:		> 98%	≥ 90%		
TLC System:		90:10 Chloroform / Methanol			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		16256	Release:	23-Feb-2018	Expiration: 23-Feb-2023
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: 23-Feb-2018

Signature: 