SETAREH BIOTECH
LITE OF INNOVATION

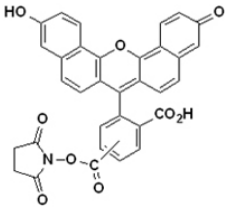
Certificate of Analysis
(C of A)

Name:	**CNF, SE *Mixed Isomers*** **5(6)-Carboxynaphthofluorescein , succinimidyl ester**		
Catalog Number:	6964	Lot:	51189
CAS Number:	150347-58-3	Formula:	$C_{33}H_{19}NO_9$
Molecular Weight:	573.51 (g/mol)		

	Observed	Standard
HPLC Purity:	95% 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:	11952	Release:	01-Jul-2014	Expiration:	01-Jul-2019

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: 01-Jul-2014

Signature: Dianna M. Wineinger

Setareh Biotech, LLC, 710 Commercial St. Ste 2 Eugene, OR 97402-5348 USA
Phone: 541-515-6560 / Fax: NA e-mail: info@setarehbiotech.com