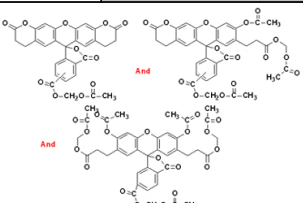


Certificate of Analysis (C of A)			
Name:	BCECF, AM *Cell permeable* *Mixed isomers* *Sp-Pak* 2',7-Bis(2-Carboxyethyl)-5(6)-carboxyfluorescein, acetoxymethyl ester		
Catalog Number:	6890	Lot:	51090
CAS Number:	117464-70-7	Formula:	$C_{30}H_{20}O_{11}/C_{35}H_{28}O_{15}/C_{40}H_{36}O_{12}$
Molecular Weight:	688.58 (g/mol)		
	Observed	Standard	
Absorption (Acetonitrile)			
Wavelength (λ_{max}):	226 nm	225 \pm 3 nm	
Extinction:	78,500 cm ⁻¹ M ⁻¹	74,000 \pm 7,000 cm ⁻¹ M ⁻¹	
TLC Purity:	> 98%	≥ 90%	
TLC System:	1:1 Hexane/ Ethyl acetate		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15360	Release:	10-May-2016
		Expiration:	10-May-2026
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: 10-May-2016

Signature: 