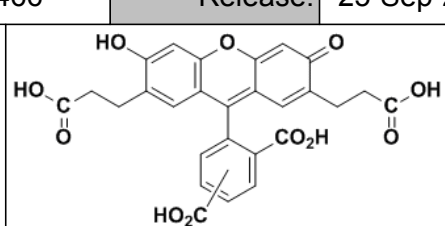


Certificate of Analysis (C of A)					
Name:		BCECF Acid *Mixed isomers* 2',7'-Bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein			
Catalog Number:		6892	Lot:		51673
CAS Number:		85138-49-4	Formula:		C <sub>27</sub> H <sub>20</sub> O <sub>11</sub>
Molecular Weight:		520.45 (g/mol)			
	Observed		Standard		
HPLC Purity:		96% at 254 nm	≥ 90% at 254 nm		
Absorption (Buffer pH10)					
Wavelength (λ <sub>max</sub> ):		503 nm	503 ± 3 nm		
Extinction:		84,100 cm <sup>-1</sup> M <sup>-1</sup>	83,000 ± 7,000 cm <sup>-1</sup> M <sup>-1</sup>		
Fluorescence (Buffer pH 10)					
Emission Max:		524 nm	524 ± 4 nm		
TLC Purity:		> 98%	≥ 90%		
TLC System:		70:24:3:3 Chloroform / Methanol / Acetic acid / Water			
Storage:		Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)			
Production Lot:		14466	Release:	25-Sep-2014	Expiration: 25-Sep-2034
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:** 25-Sep-2014

**Signature:** Dianna M. Wineinger