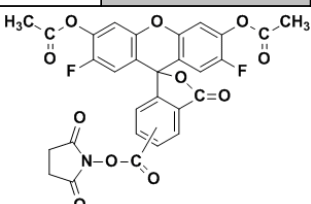


Certificate of Analysis (C of A)					
Name:	FG-CDFFDA, SE *Cell Permeant* *Mixed Isomers* CellHunt Forest Green 488 Carboxylic Acid Diacetate, Succinimidyl Ester				
Catalog Number:	7661		Lot:	51047	
CAS Number:	N/A		Formula:	C ₂₉ H ₁₇ F ₂ NO ₁₁	
Molecular Weight:	593.45 (g/mol)				
	Observed		Standard		
HPLC Purity:	95% at 254 nm		≥ 90% at 254 nm		
Absorption (Methanol)					
Wavelength (λ _{max}):	299 nm		298 ± 3 nm		
Extinction:	8,200 cm ⁻¹ M ⁻¹		7,900 ± 600 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:	15521	Release:	22-Dec-2016	Expiration:	22-Dec-2021
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: 22-Dec-2016

Signature: 