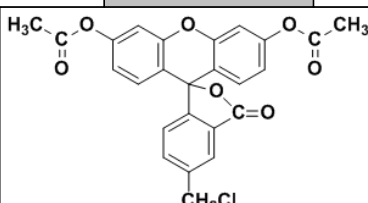


Certificate of Analysis

(C of A)

Name:		Cellhunt Green CMFDA 5-Chloromethylfluorescein Diacetate			
Catalog Number:		7137	Lot:		50584
CAS Number:		136832-63-8	Formula:		C ₂₅ H ₁₇ ClO ₇
Molecular Weight:		464.85 (g/mol)			
		Observed	Standard		
HPLC Purity:		98% at 254 nm	≥ 90% at 254 nm		
Absorption (Acetonitrile)					
Wavelength (λ _{max}):		290 nm	289 ± 3 nm		
Extinction:		6,000 cm ⁻¹ M ⁻¹	6,000 ± 500 cm ⁻¹ M ⁻¹		
TLC Purity:		> 99%	≥ 90%		
TLC System:		2:1 Hexane / Ethyl acetate			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		14694	Release:	31-Dec-2014	Expiration: 31-Dec-2024
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: 31-Dec-2014

Signature: 