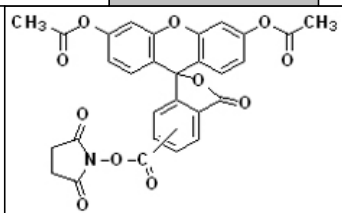


<b>Certificate of Analysis</b> (C of A)					
<b>Name:</b>	CellHunt CFSE [5(6)-CFDA, SE] [CellTrace calcein green AM] CellTrace™ calcein green AM *TM of MP*				
<b>Catalog Number:</b>	6984	<b>Lot:</b>	50222		
<b>CAS Number:</b>	150347-59-4	<b>Formula:</b>	C <sub>29</sub> H <sub>19</sub> NO <sub>11</sub>		
<b>Molecular Weight:</b>	557.47 (g/mol)				
	<b>Observed</b>	<b>Standard</b>			
<b>HPLC Purity:</b>	92% at 254 nm	≥ 90% at 254 nm			
<b>Absorption (Methanol)</b>					
<b>Wavelength (λ<sub>max</sub>):</b>	291 nm	290 ± 3 nm			
<b>Extinction:</b>	6,300 cm <sup>-1</sup> M <sup>-1</sup>	5,900 ± 900 cm <sup>-1</sup> M <sup>-1</sup>			
<b>TLC Purity:</b>	> 99%	≥ 90%			
<b>TLC System:</b>	1:1 Hexane/ Ethyl acetate				
<b>Storage:</b>	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
<b>Production Lot:</b>	14626	<b>Release:</b>	19-Sep-2019	<b>Expiration:</b>	19-Sep-2024
<b>Structure:</b>					

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:** 19-Sep-2019

**Signature:** Dianna M Wineinger