

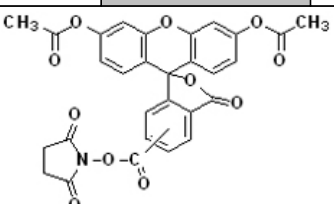
## Kit Certificate of Analysis

(C of A)


Name:	CellHunt CFSE Cell Proliferation Kit, for flow cytometry		
Catalog Number:	8041	Kit Lot:	51214

## Components

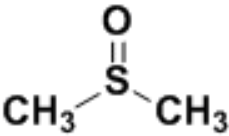
Component ID	Name	Unit Size	Number of Units	Production Lot
8041-A	CellHunt CFSE [5(6)-CFDA, SE] [CellTrace calcein green AM]	100 ug	10	14627
8041-B	DMSO [(CH <sub>3</sub> ) <sub>2</sub> SO]	500 uL	1	15838

<b>Certificate of Analysis</b> (C of A)					
Name:	<b>CellHunt CFSE Cell Proliferation Kit, for flow cytometry</b> <b>Component A: CellHunt CFSE [5(6)-CFDA, SE] [CellTrace calcein green AM]</b>				
Catalog Number:	8041-A		Lot:	51214	
CAS Number:	150347-59-4		Formula:	C <sub>29</sub> H <sub>19</sub> NO <sub>11</sub>	
Molecular Weight:	557.47 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
HPLC Purity:	92% at 254 nm		≥ 90% at 254 nm		
<b>Absorption (Methanol)</b>					
Wavelength (λ <sub>max</sub> ):	291 nm		290 ± 3 nm		
Extinction:	6,400 cm <sup>-1</sup> M <sup>-1</sup>		5,900 ± 900 cm <sup>-1</sup> M <sup>-1</sup>		
TLC Purity:	> 99%		≥ 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:	14627	Release:	19-Sep-2019	Expiration:	19-Nov-2019
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:** Nabi  
 Analytical Services Manager  
**Signature:** 

**Date:** 19-Sep-2019

<b>Certificate of Analysis</b> (C of A)					
<b>Name:</b>	<b>CellHunt CFSE Cell Proliferation Kit, for flow cytometry</b> <b>Component B: DMSO [(CH<sub>3</sub>)<sub>2</sub>SO]</b>				
<b>Catalog Number:</b>	8041-B	<b>Lot:</b>	51214		
<b>CAS Number:</b>	67-68-5	<b>Formula:</b>	C <sub>2</sub> H <sub>6</sub> OS		
<b>Molecular Weight:</b>	78.14 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
<b>Storage:</b>	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)				
<b>Production Lot:</b>	15838	<b>Release:</b>	26-Sep-2016	<b>Expiration:</b>	19-Nov-2019
<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:** 26-Sep-2016

**Signature:** 