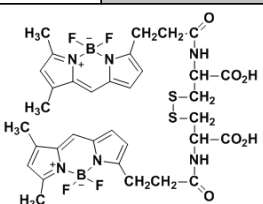


<b>Certificate of Analysis</b> (C of A)					
Name:	EverFluor FL L-Cystine				
Catalog Number:	7328		Lot:	50769	
CAS Number:	N/A		Formula:	C <sub>34</sub> H <sub>38</sub> B <sub>2</sub> F <sub>4</sub> N <sub>6</sub> O <sub>6</sub> S <sub>2</sub>	
Molecular Weight:	788.44 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
HPLC Purity:	94% at 505 nm		≥ 90% at 505 nm		
<b>Absorption (Methanol)</b>					
Wavelength (λ <sub>max</sub> ):	504 nm		505 ± 3 nm		
Extinction:	142,500 cm <sup>-1</sup> M <sup>-1</sup>		146,000 ± 12,000 cm <sup>-1</sup> M <sup>-1</sup>		
<b>Fluorescence (Methanol)</b>					
Emission Max:	511 nm		512 ± 4 nm		
TLC Purity:	> 95%		≥ 90%		
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14907	Release:	12-May-2015	Expiration:	12-May-2025
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:** 12-May-2015

**Signature:** 