

Catalog Number C195  
Product Name 5(6)-CFDA (5-(and-6)-carboxyfluorescein diacetate) \*mixed isomers\*  
CAS Number / Name 124387-19-5 / Spiro(isobenzofuran-1(3H),9'-(9H)xanthene)-ar-carboxylic acid, 3',6'-bis(acetyloxy)-3-oxo-  
Molecular Formula  $C_{25}H_{16}O_9$   
Molecular Weight 460.4  
Lot Number 1676522

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	290 nm 5600 $\text{cm}^{-1}\text{M}^{-1}$	290 $\pm$ 3 nm 5500 $\pm$ 500 $\text{cm}^{-1}\text{M}^{-1}$
<b>Fluorescence</b> <sup>2</sup> Background	56 ppm	$\leq$ 100
<b>HPLC</b> Purity	98 % at 254 nm	$\geq$ 90 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1512455	n.a.

1. Solvent: Methanol.

2. Solvent: Methanol. Method: Background vs. Reference. Ref: fluorescein, Ex @ 490 nm, Em @ 517 nm.

Rachel Smith, Ph.D., Quality Assurance

29-Jan-2014

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.