

**Catalog Number** C195  
**Product Name** 5(6)-CFDA (5-(and-6)-carboxyfluorescein diacetate) \*mixed isomers\*  
**Appearance** yellow solid  
**Lot Number** 2322650

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	291 nm 6000 cm <sup>-1</sup> M <sup>-1</sup>	290 ± 3 nm 5700 ± 500 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>2,3,1</sup> Background	58 ppm	≤ 100 ppm
<b>HPLC</b> Purity	97 % at 254 nm	≥ 90 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2245204	n.a.

1. Solvent: Methanol

2. Ref: fluorescein, Ex @ 490 nm, Em @ 517 nm.

3. Method: Background vs. Reference



Rachel Smith, Quality Assurance Manager  
 16-Jul-2020

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.