

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 C₂₅H₁₆O₉
Molecular Weight 460.4
Appearance white solid
Lot Number 1932879

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	291 nm 6100 cm ⁻¹ M ⁻¹	290 ± 3 nm 5700 ± 500 cm ⁻¹ M ⁻¹
Fluorescence ² Background	49 ppm	100 ppm
HPLC Purity	99 % at 254 nm	≥ 90 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1732980	n.a.

1. Solvent: Methanol.

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



Rachel Smith, Quality Assurance Manager

03-Dec-2015

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.