

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 off-white solid
Lot Number 2047610

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	290 nm 5600 cm ⁻¹ M ⁻¹	290 ± 3 nm 5700 ± 500 cm ⁻¹ M ⁻¹
Fluorescence ² Background	56 ppm	≤ 100 ppm
HPLC Purity	98 % at 254 nm	≥ 90 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information 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, Quality Assurance Manager

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.