

Catalog Number C7025
Product Name CellTracker™ Green CMFDA (5-chloromethylfluorescein diacetate) *special packaging*
Molecular Formula C₂₅H₁₇ClO₇
Molecular Weight 464.86
Appearance white solid
Lot Number 1921565

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	290 nm 5900 cm ⁻¹ M ⁻¹	289 ± 3 nm 5500 ± 400 cm ⁻¹ M ⁻¹
Fluorescence ² Background	0.01 ppm	≤ 100 ppm
HPLC ³ Isomer Purity	99 % at 254 nm	≥ 97 % at 254 nm
HPLC Purity	99 % at 254 nm	≥ 85 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1850919	N/A

1. Solvent: Acetonitrile.

2. Solvent: Acetonitrile. Method: Background vs. Reference. Ref: cleaved product, Ex @ 492 nm, Em @ 516 nm.

3. Method: Compositional Analysis.



Rachel Smith, Quality Assurance Manager

14-Sep-2017

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.