

Catalog Number C7025
Product Name CellTracker™ Green CMFDA (5-chloromethylfluorescein diacetate) *special packaging*
Appearance colorless solid
Lot Number 2626237

	LOT DATA	SPECIFICATION
Absorption ¹		
Maximum	290 nm	289 ± 3 nm
Extinction	6000 cm ⁻¹ M ⁻¹	5800 ± 600 cm ⁻¹ M ⁻¹
Fluorescence ^{2,3,1}		
Background	0 ppm	≤ 100 ppm
HPLC ⁴		
Isomer Purity	99 % at 254 nm	≥ 97 % at 254 nm
HPLC		
Purity	98 % at 254 nm	≥ 85 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2477847	n.a.

1. Solvent: Acetonitrile
2. Ref: cleaved product, Ex @ 492 nm, Em @ 516 nm.
3. Method: Background vs. Reference
4. Method: Compositional Analysis



Zach Luedtke, Quality Assurance Manager
 1-Feb-2023

Life Technologies Corporation 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.