

**Catalog Number** C7025  
**Product Name** CellTracker™ Green CMFDA (5-chloromethylfluorescein diacetate) \*special packaging\*  
**Appearance** colorless solid  
**Lot Number** 2600133

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b> Maximum Extinction	290 nm 5900 cm <sup>-1</sup> M <sup>-1</sup>	289 ± 3 nm 5800 ± 600 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>2,3,1</sup></b> Background	0.01 ppm	≤ 100 ppm
<b>HPLC<sup>4</sup></b> Isomer Purity	99 % at 254 nm	≥ 97 % at 254 nm
<b>HPLC</b> Purity	99 % at 254 nm	≥ 85 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2281106	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  
17-Mar-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.