

**Catalog Number** C2111  
**Product Name** CellTracker™ Blue CMHC (4-chloromethyl-7-hydroxycoumarin)  
**Appearance** off-white solid  
**Lot Number** 2274754

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b> Maximum Extinction	373 nm 14000 cm <sup>-1</sup> M <sup>-1</sup>	372 ± 3 nm 16000 ± 2000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b> Emission Maximum	474 nm	470 ± 4 nm
<b>HPLC</b> Purity	97 % at 254 nm	≥ 95 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2148047	n.a.

1. Solvent: Buffer, 50 mM potassium phosphate (pH 9)



Rachel Smith, Quality Assurance Manager  
 10-Jan-2020

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.