

Catalog Number C12881  
Product Name CellTracker™ Blue CMF<sub>2</sub>HC (4-chloromethyl-6,8-difluoro-7-hydroxycoumarin)  
Molecular Formula C<sub>10</sub>H<sub>5</sub>ClF<sub>2</sub>O<sub>3</sub>  
Molecular Weight 246.6  
Appearance off-white solid  
Lot Number 1704486

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup>		
Maximum	371 nm	371 ± 3 nm
Extinction	15300 cm <sup>-1</sup> M <sup>-1</sup>	16000 ± 1500 cm <sup>-1</sup> M <sup>-1</sup>
<b>HPLC</b>		
Purity	99 % at 254 nm	≥ 95 % at 254 nm
<b>NMR</b>		
Result	meets specification	consistent with structure
<b>Miscellaneous Information</b>		
Material Lot Number	1678849	N/A

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

Rachel Smith, Ph.D., Quality Assurance

01-Apr-2015

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.