

**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** white solid  
**Lot Number** 1899772

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	372 nm 15200 cm <sup>-1</sup> M <sup>-1</sup>	371 ± 3 nm 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	1732986	N/A

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



Rachel Smith, Quality Assurance Manager  
01-Oct-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.