

**Catalog Number** C2110  
**Product Name** CellTracker™ Blue CMAC (7-amino-4-chloromethylcoumarin)  
**Molecular Formula** C<sub>10</sub>H<sub>8</sub>NO<sub>2</sub>Cl  
**Molecular Weight** 209.63  
**Appearance** yellow solid  
**Lot Number** 1910759

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	354 nm 14000 cm <sup>-1</sup> M <sup>-1</sup>	354 ± 3 nm 14000 ± 1000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	463 nm	464 ± 4 nm
<b>HPLC</b> Purity	99 % at 254 nm	≥ 90 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1872177	N/A

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



Rachel Smith, Quality Assurance Manager  
06-Mar-2017

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.