

**Catalog Number** C2110  
**Product Name** CellTracker™ Blue CMAC (7-amino-4-chloromethylcoumarin)  
**Appearance** yellow solid  
**Lot Number** 2350613

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b>		
Maximum	354 nm	354 ± 3 nm
Extinction	14000 cm <sup>-1</sup> M <sup>-1</sup>	14000 ± 1000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b>		
Emission Maximum	465 nm	464 ± 4 nm
<b>HPLC</b>		
Purity	92 % at 254 nm	≥ 90 % at 254 nm
<b>NMR</b>		
Result	meets specification	consistent with structure
<b>Miscellaneous Information</b>		
Material Lot Number	2306719	n.a.

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



Rachel Smith, Quality Assurance Manager  
 19-May-2021

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.