

Catalog Number C2111
Product Name CellTracker™ Blue CMHC (4-chloromethyl-7-hydroxycoumarin)
Molecular Formula C₁₀H₇O₃Cl
Molecular Weight 210.62
Appearance off-white solid
Lot Number 1289875

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	373 nm 14000 cm ⁻¹ M ⁻¹	372 ± 3 nm 16000 ± 2000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	470 nm	470 ± 4 nm
HPLC Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1189674	N/A

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

Betty Wood

Betty Wood, Quality Assurance Manager
19-Jul-2012

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.