

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 2031043

| | LOT DATA | SPECIFICATION |
|---|--|---|
| Absorption ¹ Maximum Extinction | 373 nm 15000 cm ⁻¹ M ⁻¹ | 372 ± 3 nm 16000 ± 2000 cm ⁻¹ M ⁻¹ |
| Fluorescence ¹ Emission Maximum | 473 nm | 470 ± 4 nm |
| HPLC Purity | 98 % 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).



Rachel Smith, Quality Assurance Manager

28-Oct-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.