

Catalog Number C34551
Product Name CellTracker™ Orange CMRA *special packaging*
Molecular Formula $C_{30}H_{25}Cl_2NO_5$
Molecular Weight 550.44
Appearance pink solid
Lot Number 1816509

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	349 nm	348 ± 3 nm
Extinction	6200 cm ⁻¹ M ⁻¹	6100 ± 700 cm ⁻¹ M ⁻¹
Fluorescence²		
Background	15 ppm	≤ 250 ppm
HPLC³		
Purity	99 % at 254 nm	≥ 90 % at 254 nm
HPLC⁴		
Result	meets specification	corresponds to expected molecular weight
Miscellaneous Information		
Material Lot Number	1412304	N/A

1. Solvent: Acetonitrile.

2. Solvent: Acetonitrile. Method: Background vs. Reference. Ref: cleaved product, Ex @ 544 nm, Em @ 572 nm.

3. Method: Purity value represents summation of the areas of individual isomers.

4. Method: Standard LCMS.

Rachel Smith, Ph.D., Quality Assurance

21-Sep-2016

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.