

Catalog Number C2927
Product Name CellTracker™ Orange CMTMR (5-(and-6)-(((4-chloromethyl)benzoyl)amino)tetramethylrhodamine) *mixed isomers*
Appearance purple solid
Lot Number 2159960

	LOT DATA	SPECIFICATION
Absorption1		
Maximum	540 nm	540 ± 3 nm
Extinction	104000 cm-1M-1	102000 ± 12000 cm-1M-1
Fluorescence1		
Emission Maximum	566 nm	566 ± 4 nm
HPLC2		
Purity	97 % at 254 nm	85 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2048295	n.a.

1. Solvent: Methanol

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



Rachel Smith, Quality Assurance Manager
13-Nov-2019

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.