

**Catalog Number** C34552  
**Product Name** CellTracker™ Red CMTPIX \*special packaging\*  
**Appearance** purple solid  
**Lot Number** 2291631

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b>		
Maximum	578 nm	577 ± 3 nm
Extinction	113000 cm <sup>-1</sup> M <sup>-1</sup>	103000 ± 10000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b>		
Emission Maximum	604 nm	602 ± 4 nm
<b>HPLC</b>		
Purity	82 % at 254 nm	≥ 80 % at 254 nm
<b>HPLC<sup>2</sup></b>		
Result	meets specification	corresponds to expected molecular weight
<b>NMR</b>		
Result	meets specification	consistent with structure
<b>Miscellaneous Information</b>		
Material Lot Number	2127325	n.a.

1. Solvent: Methanol

2. Method: Standard LCMS



Rachel Smith, Quality Assurance Manager  
 25-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.