

**Catalog Number** C34851  
**Product Name** calcein red-orange, AM \*special packaging\*  
**Appearance** purple solid  
**Lot Number** 2581653

	LOT DATA	SPECIFICATION
<b>Absorption<sup>1</sup></b> Maximum Extinction	578 nm 83000 cm <sup>-1</sup> M <sup>-1</sup>	576 ± 3 nm 90000 ± 7000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence<sup>1</sup></b> Emission Maximum	591 nm	589 ± 4 nm
<b>HPLC</b> Purity	98 % at 576 nm	≥ 90 % at 576 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2321344	n.a.

1. Solvent: Methanol



Zach Luedtke, Quality Assurance Manager  
 19-Apr-2021

Life Technologies Corporation 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.