

**Catalog Number** D3911  
**Product Name** 'Dil'; DiIC<sub>18</sub>(3) (1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate) \*crystalline\*  
**Appearance** red solid  
**Lot Number** 2433872

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	549 nm 141000 cm <sup>-1</sup> M <sup>-1</sup>	549 ± 3 nm 143000 ± 10000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	566 nm	564 ± 4 nm
<b>HPLC</b> Purity	99 % at 549 nm	≥ 90 % at 549 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2182139	n.a.

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager  
 2-Apr-2020

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.