

**Catalog Number** D12730  
**Product Name** DiIC<sub>18</sub>(5)-DS (1,1'-dioctadecyl-3,3',3'-tetramethylindodicarbocyanine-5,5'-disulfonic acid)  
**Appearance** purple solid  
**Lot Number** 2729817

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	650 nm 249000 cm <sup>-1</sup> M <sup>-1</sup>	650 ± 3 nm 240000 ± 24000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	673 nm	670 ± 4 nm
<b>HPLC</b> Purity	99 % at 647 nm	≥ 95 % at 647 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	2718865	n.a.

1. Solvent: Methanol



Zach Luedtke, Quality Assurance Manager  
29-Jun-2023

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.