

Catalog Number D12730
Product Name DiIC₁₈(5)-DS (1,1'-dioctadecyl-3,3,3',3'-tetramethylindodicarbocyanine-5,5'-disulfonic acid)
Appearance purple solid
Lot Number 2479983

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	650 nm 251000 cm ⁻¹ M ⁻¹	650 ± 3 nm 240000 ± 24000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	670 nm	670 ± 4 nm
HPLC Purity	99 % at 647 nm	≥ 95 % at 647 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2396227	n.a.

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager
 29-Sep-2021

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.