

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 2395219

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	650 nm	650 ± 3 nm
Extinction	251000 cm ⁻¹ M ⁻¹	240000 ± 24000 cm ⁻¹ M ⁻¹
Fluorescence¹		
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.