

Catalog Number D3911
Product Name 'Dil'; DiIC₁₈(3) (1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanine perchlorate) *crystalline*
Appearance red solid
Lot Number 2897820

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	549 nm	549 ± 3 nm
Extinction	138000 cm ⁻¹ M ⁻¹	143000 ± 10000 cm ⁻¹ M ⁻¹
Fluorescence¹		
Emission Maximum	565 nm	564 ± 4 nm
HPLC		
Purity	99 % at 549 nm	≥ 90 % at 549 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2868505	n.a.

1. Solvent: Methanol



Zach Luedtke, Quality Assurance Manager
 18-Mar-2024

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.
 Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.