



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214168  
Lot Number: SAMPLE  
Product Name: 3,3'-Diocetadecyloxacarbocyanine perchlorate  
CAS Number: 34215-57-1  
Molecular Formula:  $C_{53}H_{85}ClN_2O_6$   
Molecular Weight: 881.70

Test	Specification	Result
Purity (HPLC)	$\geq 95\%$ at 485 nm	99%
Purity (TLC)	$\geq 95\%$	> 99%
Extinction Coefficient	$160000 \pm 12000 \text{ cm}^{-1}\text{M}^{-1}$	$163700 \text{ cm}^{-1}\text{M}^{-1}$
Fluorescence Emission Max	$502 \pm 4 \text{ nm}$	499 nm
$\lambda_{\text{max}}$	$485 \pm 3 \text{ nm}$	485 nm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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