



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-210420  
Lot Number: SAMPLE  
Product Name: 5(6)-Carboxy-2',7'-dichlorofluorescein  
CAS Number: 111843-78-8  
Molecular Formula:  $C_{21}H_{10}Cl_2O_7$   
Molecular Weight: 445.21

Test	Specification	Result
Appearance		Orange solid
Purity (HPLC)	$\geq 95\%$ at 254 nm	Complies
Purity (TLC)	$\geq 95\%$	> 99%
Extinction Coefficient	$100000 \pm 10000$ cm <sup>-1</sup> M <sup>-1</sup>	101400 cm <sup>-1</sup> M <sup>-1</sup>
$\lambda_{max}$	$504 \pm 3$ nm (buffer pH 10)	504 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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