



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-358442  
Lot Number: SAMPLE  
Product Name: N,N'-Bis[2-(iodoacetamido)ethyl]-N,N'-dimethylrhodamine dihydroiodide  
CAS Number:  
Molecular Formula:  $C_{30}H_{32}I_4N_4O_5$   
Molecular Weight: 1036.22

Test	Specification	Result
Purity (TLC)	$\geq 80\%$	> 95%
Extinction Coefficient	Set 100,000 $\pm$ 8,000 cm <sup>-1</sup> M <sup>-1</sup>	Set 100,000 cm <sup>-1</sup> M <sup>-1</sup>
Fluorescence Emission Max	567 $\pm$ 4 nm	570 nm
$\lambda_{max}$	544 $\pm$ 3 nm	546 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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