



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-203756  
Lot Number: SAMPLE  
Product Name: Rhodamine B  
CAS Number: 81-88-9  
Molecular Formula:  $C_{28}H_{31}ClN_2O_3$   
Molecular Weight: 479.01

Test	Specification	Result
Appearance	Faint green to very dark green powder	Green powder
Purity (HPLC)	$\geq 95\%$	99%
Solubility	Faint red to red and faint purple to purple and clear at 1 mg/mL, H <sub>2</sub> O	Purple and clear solution
Absorbance Ratio	$\leq 0.50$	0.31
Extinction Coefficient	104.5 - 115.8	108.2
$\lambda_{max}$	542 - 554 nm	545 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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