



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-215808  
Lot Number: SAMPLE  
Product Name: Rhodamine 110 chloride  
CAS Number: 13558-31-1  
Molecular Formula:  $C_{20}H_{15}N_2O_3 \cdot Cl$   
Molecular Weight: 366.80

Test	Specification	Result
Appearance		Red metallic solid
Purity (HPLC)	$\geq 97\%$ at 254 nm	98% at 254 nm
Purity (TLC)	$\geq 97\%$	> 99%
Extinction Coefficient	$91,000 \pm 6,000$ cm <sup>-1</sup> M <sup>-1</sup>	88,700 cm <sup>-1</sup> M <sup>-1</sup>
Wavelength	500 $\pm$ 3 nm in Methanol	499 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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