



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-215774  
Lot Number: SAMPLE  
Product Name: Quinoline yellow  
CAS Number: 8003-22-3  
Molecular Formula:  $C_{18}H_{11}NO_2$   
Molecular Weight: 273.29

Test	Specification	Result
Appearance	Yellow powder	Complies
Solubility	Clear, yellow to dark yellow solution at 1 mg/ml in methanol	Clear, dark yellow solution at 1 mg/ml in methanol
Dye Content	$\geq 95.0\%$	95.8%
$\lambda_{\max} 1$	410 - 416 nm (in methanol)	413 nm
$\lambda_{\max} 2$	431 - 437 nm (in methanol)	435 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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