



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-217688A  
Lot Number: SAMPLE  
Product Name: Azophloxine  
CAS Number: 3734-67-6  
Molecular Formula:  $C_{18}H_{13}N_3Na_2O_6S_2$   
Molecular Weight: 509.42

Test	Specification	Result
Appearance	Red to brown-violet or purple powder	Complies
Solubility	Red to dark red solution (5% in 50: 50 methanol: water)	Complies
Dye Content	$\geq 80\%$	$\geq 90\%$
E1%	$\geq 300$ (1 cm)	$\geq 600$
$\lambda_{max}$	527 - 537 nm	532 nm
Insoluble Matter	$\leq 0.2\%$	Complies

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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