



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-203747A  
Lot Number: SAMPLE  
Product Name: Nile Red  
CAS Number: 7385-67-3  
Molecular Formula:  $C_{20}H_{18}N_2O_2$   
Molecular Weight: 318.37

Test	Result
Appearance	Greenish red crystalline powder
Melting Point	203 - 205°C
Solubility	Clear red solution with fluoresce (0.1% Methanol)
UV Absorption	Absorptivity 1% / 1 cm, at $\lambda_{max}$ 551 nm: 1222
Loss on Drying	0.093% (at 110°C, 1hr)

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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