



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203749
Lot Number: SAMPLE
Product Name: Oil Red O
CAS Number: 1320-06-5
Molecular Formula: $C_{26}H_{24}N_4O$
Molecular Weight: 408.49

Test	Result
Appearance	Dark red powder
Identification (Infrared Spectrum)	Consistent with structure
Solubility	Clear, dark red solution (1 mg/mL of Ethanol: Chloroform, 1:1)
Dye Content	100%
UV Absorption	Spectroscopy: Peak 521 nm, ratio 0.99 at 506/536 nm. Density at peak 0.584 au
Loss on Drying	2% (105°C, 1 hr)

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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