



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203762
Lot Number: SAMPLE
Product Name: Sudan IV
CAS Number: 85-83-6
Molecular Formula: $C_{24}H_{20}N_4O$
Molecular Weight: 380.45

Test	Specification	Result
Appearance	Orange to amber to dark red powder to crystal	Deep yellow red powder
Absorbance	≥ 0.780 (10 mg/L, THF, 514.0 - 517.0 nm) (calcd. on dried substance)	0.785 (516.0 nm)
λ_{max}	514.0 - 517.0 nm (THF)	516.0 nm
Loss on Drying	$\leq 2.5\%$	0.8%

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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