



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206009
Lot Number: SAMPLE
Product Name: Mordant orange 1
CAS Number: 2243-76-7
Molecular Formula: $C_{13}H_9N_3O_5$
Molecular Weight: 287.23

Test	Result
Appearance	Yellow-brown powder
Melting Point	> 300 °C (dec.)
Solubility	Clear solution (C = 0.1% in methanol)
Dye Content	> 70%
UV Absorption	Absorptivity (1%/1cm) at λ max 388.0 nm: 947
Loss on Drying	0.36% (110 °C)

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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