



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-359843
Lot Number: SAMPLE
Product Name: Congo Red
CAS Number: 573-58-0
Molecular Formula: $C_{32}H_{22}N_6O_6S_2 \cdot 2Na$
Molecular Weight: 696.7

Test	Result
Appearance	Red powder
Solubility	Clear solution in water
Visual Transition Range	pH 3.0 (blue) to pH 5.0 (red)
Dye Content	81.2%
UV Absorption	Absorptivity 1%, 1 cm at λ_{max} 498.4 nm = 563
Loss on Drying	3.84% (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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