



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215031  
Lot Number: SAMPLE  
Product Name: Fat Brown RR  
CAS Number: 6416-57-5  
Molecular Formula:  $C_{16}H_{14}N_4$   
Molecular Weight: 262.31

Test	Specification	Result
Appearance		Dark, rusty brown powder
Identification	Consistent with structure	Complies
Melting Point		155 °C
Residue on Ignition		0.2%
Solubility		Clear to slightly hazy, orange to dark red to dark red-brown solution at 1 mg/ml in chloroform
$\lambda_{max}$	448 - 453 nm (ethanol)	452 nm (ethanol)
Insoluble Matter		$\leq 1\%$ (in toluene)
Loss on Drying		0.3%
Chloride		0.08%

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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