



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-215125A  
Lot Number: SAMPLE  
Product Name: Hematein  
CAS Number: 475-25-2  
Molecular Formula:  $C_{16}H_{12}O_6$   
Molecular Weight: 300.26

Test	Specification	Result
Appearance	Brown to very dark brown powder	Very dark brown(black-brown) powder
Assay (UV)	$\geq 40\%$	51.0%
Identification (TLC)	Consistent with standard	Complies
Solubility	Red to very dark red	Very dark red
Molar Extinction Coefficient	$\geq 15920$	20230.6
Wavelength	425 - 435 nm (UV)	432.5 nm
Carbon Content	64.00%	58.06%
Hydrogen Content	4.03%	4.68%

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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