



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-252277  
Lot Number: SAMPLE  
Product Name: 5,10,15,20-Tetrakis(4-methoxyphenyl)-21H,23H-porphine cobalt(II)  
CAS Number: 28903-71-1  
Molecular Formula:  $C_{48}H_{36}CoN_4O_4$   
Molecular Weight: 791.76

Test	Specification	Result
Appearance	Dark purple solid	Complies
Solubility	10 mg must dissolve completely in 250 ml of toluene	10 mg dissolves completely in 250 ml of toluene
UV/Visible Spectrum	A max in toluene 417 nm: > 230000 530 nm: > 15800	416.5 nm: 251306 531 nm: 18116
$\lambda_{max}$	in toluene 417 $\pm$ 1 nm 530 $\pm$ 1 nm	416.5nm 531 nm

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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