



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-251843
Lot Number: SAMPLE
Product Name: 2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine ruthenium(II) carbonyl
CAS Number: 41636-35-5
Molecular Formula: $C_{37}H_{44}N_4ORu$
Molecular Weight: 661.84

Test	Specification	Result
Appearance	Red to red-brown powder or crystals	Very dark red crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Absorption Excitation	387 - 395 nm (c = 0.002 g/L CH_2Cl_2)	392 nm
Extinction Coefficient	≥ 75000	97288
Carbon Content	57.1 - 77.2%	66.5%
Nitrogen Content	7.2 - 9.7%	7.6%

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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