



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-239075
Lot Number: SAMPLE
Product Name: 5,10,15,20-Tetraphenyl-21H,23H-porphine manganese(III) chloride
CAS Number: 32195-55-4
Molecular Formula: $C_{44}H_{28}ClMnN_4$
Molecular Weight: 703.11

Test	Specification	Result
Appearance	Green to blue-green to black powder	Black powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 94.0\%$	98.8%
Absorption Excitation	473 - 477 nm (c = 0.005 g/L ether)	474 nm
Extinction Coefficient	≥ 110000 (in ether)	117794
Carbon Content	70.6 - 79.7%	70.6%
Nitrogen Content	7.4 - 8.4%	7.5%

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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