



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214757
Lot Number: SAMPLE
Product Name: Coproporphyrin I tetramethyl ester
CAS Number: 25767-20-8
Molecular Formula: $C_{40}H_{46}N_4O_8$
Molecular Weight: 710.82

Test	Specification	Result
Appearance	Purple to brown powder	Red-purple powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90\%$	100%
Solubility	Clear dark red at 10 mg/ml in $CHCl_3$	Complies
E1%	1900 - 2500 at Lambda max 400 - 403 nm in $CHCl_3$	2221 nm
Wavelength	400 - 403 nm	401 nm
Carbon Content	66.2 - 69.0%	67.4%
Nitrogen Content	7.6 - 8.2%	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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