



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-263846  
Lot Number: SAMPLE  
Product Name: N-Methyl Protoporphyrin IX  
CAS Number: 79236-56-9  
Molecular Formula:  $C_{35}H_{36}N_4O_4$   
Molecular Weight: 576.69

Test	Specification	Result
Appearance	Dark purple solid	Complies
Identification (NMR)	Consistent with structure (mixture of isomers)	Complies
Purity (HPLC)	> 95%	> 97.5% sum of isomers
Purity (TLC)	> 95%	> 95% similar to previous lots, streaking, Rf - 0.5
UV/Visible Spectrum	416.0, 511.0, 543.5, 593.0, 651.5 nm	421.5, 514.5, 547.0, 595.5, 653.5 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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