



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214685
Lot Number: SAMPLE
Product Name: Chlorophyll b
CAS Number: 519-62-0
Molecular Formula: $C_{55}H_{70}MgN_4O_6$
Molecular Weight: 907.47
Native Source: spinach

Test	Specification	Result
Appearance	Dark green to very dark green powder	Very dark green powder
Purity (HPLC)	$\geq 90\%$	95%
Solubility	Clear, light green to dark green solution at 10 $\mu\text{g/ml}$ in ether	Clear, dark green solution
Extinction Coefficient (1)	≥ 53	58
Extinction Coefficient (2)	≥ 151	162
Impurity	Chlorophyll A: $\leq 0.5\%$	0.0%

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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