



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214684  
Lot Number: SAMPLE  
Product Name: Chlorophyll a  
CAS Number: 479-61-8  
Molecular Formula:  $C_{55}H_{72}MgN_4O_5$   
Molecular Weight: 893.49

Test	Specification	Result
Appearance	Dark green to dark blue powder	Complies
Solubility	Color: Blue-green to dark blue-green and green to dark green Turbidity: Clear Method: 1 mg plus 100 mL of Diethyl Ether	Color: Dark blue-green Turbidity: Clear Method: 1 mg plus 100 mL of Diethyl Ether
Solvent Content	Diethyl Ether (UV)	Complies
Absorption Index	105000-122000 (1)	110493 (1)
Absorption Index	83000-94000	87850
Wavelength	426.0-430.0 NM (1) (UV)	428.0 NM (1) (UV)
Wavelength	658.0-662.0 NM (2) (UV)	660.0 NM (2) (UV)

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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