



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206010B  
Lot Number: SAMPLE  
Product Name: Malachite Green oxalate salt  
CAS Number: 2437-29-8  
Molecular Formula:  $C_{23}H_{25}N_2 \cdot C_2HO_4 \cdot 0.5C_2H_2O_4$   
Molecular Weight: 463.50

Test	Result
Appearance	Dark green crystalline powder
insoluble	0.18% (in water)
Solubility	Dark green solution (0.1% aq. solution)
Visual Transition Range	From pH 0.0 (yellow) to pH 2.0 (green) From pH 11.6 (blue-green) to pH 14.0 (colorless)
Absorbance Ratio	UV ratio at 602/632 nm: 1.07
Dye Content	100%
Optical Density	At peak 617: 0.515

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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