



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215281  
Lot Number: SAMPLE  
Product Name: Malachite green carbinol hydrochloride  
CAS Number: 123333-61-9  
Molecular Formula:  $C_{23}H_{26}N_2O \cdot HCl$   
Molecular Weight: 382.93

Test	Specification	Result
Appearance	Green-blue to dark green crystalline powder	Dark green crystalline powder
Identification (Infrared Spectrum)		Complies
Purity	$\geq 85.0\%$	96.3%
Solubility	Clear, green to blue-green solution at 10% in water	Complies
Absorption	$\geq 1600$ (at $\lambda_{max}$ , 1%/1cm)	1648
Loss on Drying	$\leq 6.0\%$	4.23%

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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