



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206038  
Lot Number: SAMPLE  
Product Name: Brilliant Green  
CAS Number: 633-03-4  
Molecular Formula:  $C_{27}H_{34}N_2O_4S$   
Molecular Weight: 482.63

Test	Specification	Result
Appearance	Green to green-yellow crystalline powder	Green-yellow crystalline powder
Visual Transition Interval	From 0.0 (yellow) to pH 2.6 (green)	Complies
Absorbance Ratio	0.94 - 1.14 A ( $\lambda_{max}$ -15 nm/+15nm)	1.09 @ 615/645 nm
Dye Content	$\geq 95\%$	99%
$\lambda_{max}$	625 (428) nm in 50% ethanol	625 nm
Loss on Drying	$\leq 5.0\%$	1.08% @ 105°C

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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