



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215381
Lot Number: SAMPLE
Product Name: Methylene blue
CAS Number: 61-73-4
Molecular Formula: $C_{16}H_{18}N_3S \cdot Cl$
Molecular Weight: 319.85

Test	Specification	Result
Appearance	Dark green crystalline powder	Complies
Assay (Dried Basis)	98.0 - 103.0%	99.89%
Residue on Ignition	$\leq 1.2\%$	0.59%
Solubility	Clear, blue to dark blue solution at 0.1% water	Complies
Content	Copper (Cu) + Zinc (Zn): $\leq 0.02\%$	Complies
Loss on Drying	$\leq 4.0\%$	2.8%
Arsenic	≤ 8 ppm	Complies

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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