



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-203738  
Lot Number: SAMPLE  
Product Name: Giemsa Stain  
CAS Number: 51811-82-6  
Molecular Formula:  $C_{14}H_{14}ClN_3S$   
Molecular Weight: 291.8

Test	Specification	Result
Appearance	Dark green to black powder	Dark green powder
Solubility	Clear, blue or dark blue solution (with green hue) at 0.1% in methanol	Complies
E1%	$\geq 600$ at 523.40 nm $\geq 950$ at 647.60 nm	780 1131
$\lambda_{max}$ 1	520.0 - 525.0 nm	523.40 nm
$\lambda_{max}$ 2	640.0 - 650.0 nm	647.60 nm
Loss on Drying	$\leq 10.0\%$ (105 °C, 1 h)	6.69%
Suitability	Suitable for microscopy	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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