



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-296137  
Lot Number: SAMPLE  
Product Name: Proflavine Hydrochloride  
CAS Number: 952-23-8  
Molecular Formula:  $C_{13}H_{11}N_3 \cdot HCl$   
Molecular Weight: 245.7

Test	Specification	Result
Appearance		Red brown powder
Assay		102%
Identification	Pass	Complies
Identification (FTIR)		Complies
pH		6.9
Residue on Ignition		1.5%
$\lambda_{max}$	$456 \pm 5$ nm (MeOH)	456.2 nm
Loss on Drying		3.7% (105 °C for 1 Hour)

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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