



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205803  
Lot Number: SAMPLE  
Product Name: Phentolamine mesylate  
CAS Number: 65-28-1  
Molecular Formula:  $C_{17}H_{19}N_3O \cdot CH_3SO_3H$   
Molecular Weight: 377.46

Test	Specification	Result
Appearance	White or almost white, crystalline powder	Complies
Assay (Anhydrous Basis)	98.0% - 100.5%	99.45%
Identification	Related compounds TLC Any spot At most one spot	$\leq 0.5\%$ $\leq 0.25\%$
Melting Point	178°C - 182°C	179.1°C - 179.8°C
Solubility	Freely soluble in water and in alcohol; practically insoluble in methylene chloride	Complies
Acidity	Not more than 0.05 ml of 0.1 M sodium hydroxide	Complies
Loss on Drying	$\leq 0.5\%$	0.38%
Sulfated Ash	$\leq 0.1\%$	0.08%

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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