

Certificate Of Analysis

Product Name	Phentolamine Mesylate	Batch No.	2201161556
Sample Qty Base	5 KGS	Date of Production	2022.01.16
Analysis Date	2022.01.17	Expiry Date	2024.01.15
CAS NO	65-28-1	Packing	100G/Bottle
Item	Standard	Test Results	
Appearance	White or almost white powder	Complies	
Identification	A IR: The IR spectrum from the sample corresponds to that of the reference standard.	Complies	
	B UV: The UV spectrum from the sample corresponds to that of the reference standard.	Complies	
	C The retention time: The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay.	Complies	
Related substances	Phentolamine keto analog $\leq 0.15\%$	0.03%	
	Phentolamine related compound A $\leq 0.15\%$	0.02%	
	Any unspecified impurity $\leq 0.10\%$	0.02%	
	Total impurities $\leq 1.0\%$	0.10	
Residue on Ignition	$\leq 0.10\%$	0.02%	
Sulfate	$\leq 0.20\%$	Complies	
Loss on drying	$\leq 0.5\%$	<0.5%	
Assay (on the dried basis)	98.0%-102.0%	100.7%	
Storage	Preserve in a tightly closed container and protected from light	Complies	
Conclusion	The batch conforms to the USP standard		

Reported By: 张丽川 Checked By: 程雪 QC Manager: 郭毅军 Q.C. Manager: 李建国

