



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-204839  
Lot Number: SAMPLE  
Product Name: Penicillin V Potassium  
CAS Number: 132-98-9  
Molecular Formula:  $C_{16}H_{17}KN_2O_5S$   
Molecular Weight: 388.48

Test	Specification	Result
Appearance	White Crystal Powder	Complies
Assay (UPLC)	≥98.0%	98.8%
Identification	Complies	Complies
pH	5.5~7.5	6.1
Solubility	water, alcohol	
Absorbance	At 306 nm: <0.33 At 274 nm: >0.50	0.12 0.52
Specific Rotation	+215°~ +230°	+229°
Phenoxyacetic acid	<0.5%	Complies
Water Content	<1.0%	0.2%

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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