



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-201447  
Lot Number: SAMPLE  
Product Name: Vinblastine Sulfate  
CAS Number: 143-67-9  
Molecular Formula:  $C_{46}H_{58}N_4O_9 \cdot H_2SO_4$   
Molecular Weight: 909.1

Test	Specification	Result
Appearance	White powder	Complies
Assay	96-102%	98.2%
Identification	IR, HPLC: Conforms to structure Reaction of sulfate: Positive	Complies Complies
Clarity	Clear (100mg/10ml water)	Complies
pH	3.5-5.0 (100mg/10ml water)	4.15
Residual Solvents	Ethanol $\leq 0.5\%$	0.24%
Loss on Drying	$\leq 15.0\%$	9.7%
Related Substances	Single impurity $\leq 1.0\%$ Total impurities $\leq 3.0\%$	0.28% 0.72%

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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