



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-205648  
Lot Number: SAMPLE  
Product Name: Difloxacin HCl  
CAS Number: 98106-17-3  
Molecular Formula:  $C_{21}H_{19}F_2N_3O_3 \cdot HCl$   
Molecular Weight: 435.86

Test	Specification	Result
Appearance	Almost white or pale yellow crystalline powder	Complies
Assay (Dried Basis)	$\geq 98.0\%$	99.0%
Identification		Complies
Purity (HPLC)	$\geq 98.0\%$	99.4%
pH	3.0 - 5.0	4.41
Residue on Ignition	$\leq 0.1\%$	0.05%
Heavy Metals	$\leq 20$ ppm	Complies
Loss on Drying	$\leq 3.0\%$	0.87%
Related Substances	$\leq 2.0\%$	Complies

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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