



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-203284  
Lot Number: SAMPLE  
Product Name: Streptothricin sulfate  
CAS Number: 96736-11-7  
Molecular Formula: Streptothricin D:  $C_{31}H_{58}N_{12}O_{10}$  Streptothricin F:  $C_{19}H_{34}N_8O_8$   
Molecular Weight: Streptothricin D: 758.9 Streptothricin F: 502.5  
Native Source: *Streptomyces noursei*

Test	Specification	Result
Appearance	White to off-white solid	Off-white solid
Assay	85 - 115 %	110 %
Purity (HPLC)	$\geq 90.0$ %	$\geq 31.96$ % (Streptothricin D) $\geq 61.28$ % (Streptothricin F)
Residue after Ignition	$\geq 5.0$ %	2.0 %
Solubility	200 mg/ml soluble in water	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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