



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-472730
Lot Number: SAMPLE
Product Name: Rosoxacin Hemisulfate
CAS Number:
Molecular Formula: $C_{17}H_{14}N_2O_3 \cdot 1/2H_2SO_4$
Molecular Weight: 343.34
Native Source: Synthetic

Test	Specification	Result
Appearance		Light beige solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		95.70% (by UPLC)
TLC		Complies
Atmosphere		Inert gas
Melting Point		> 209 °C (dec.)
Solubility		DMF (slightly), Methanol (very slightly, heated), Water (very slightly, heated)
Carbon Content	59.47%	60.70%
Hydrogen Content	4.40%	4.42%
Nitrogen Content	8.16%	8.44%
Sulfate		11.78% (by Ion Chromatography)

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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