



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210032
Lot Number: SAMPLE
Product Name: 4-Epi Doxycycline
CAS Number: 6543-77-7
Molecular Formula: $C_{22}H_{24}N_2O_8$
Molecular Weight: 444.43
Native Source: Synthetic

Test	Specification	Result
Appearance	Yellow to brown solid	Dark yellow solid
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)		> 70%
Acetic Acid		~1.9%
Carbon Content	59.45%	55.30%
Hydrogen Content	5.44%	5.76%
Nitrogen Content	6.30%	6.00%
Water Content		5.6% based on Elemental Analysis

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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