



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-234872
Lot Number: SAMPLE
Product Name: Erythromycin ethyl succinate
CAS Number: 1264-62-6
Molecular Formula: $C_{43}H_{75}NO_{16}$
Molecular Weight: 862.05

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solution (Color)	Colorless at 50 mg/ml in EtOH	Complies
Solution (Turbidity)	Clear to very slightly hazy at 50 mg/ml in EtOH	Clear
Potency	$\geq 780\mu\text{g}/\text{mg}$	833 $\mu\text{g}/\text{mg}$
Carbon Content	58.7 - 61.1%	59.9%
Nitrogen Content	1.3 - 1.9%	1.6%
Water Content (KF)	$\leq 3.0\%$	1.4%

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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