



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229400
Lot Number: SAMPLE
Product Name: Tetracycline phosphate complex
CAS Number: 1336-20-5
Molecular Formula: $C_{22}H_{25}N_2O_{11}P$
Molecular Weight: 524.41

Test	Specification	Result
Appearance		Yellow powder with an orange cast
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)		95%
Solubility		Clear bright yellow-orange solution at 40 mg plus 4.0 ml of formic acid
Carbon Content		42.1%
Nitrogen Content		4.5%
Phosphorus (ICP)		6.4%

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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