



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-235332
Lot Number: SAMPLE
Product Name: Hydrocortisone 17-valerate
CAS Number: 57524-89-7
Molecular Formula: $C_{26}H_{38}O_6$
Molecular Weight: 446.58

Test	Result
Appearance	White powder
Identification (1H-NMR)	Consistent with structure
Purity (HPLC)	> 99% (single peak)
Purity (TLC)	99%
Solubility	Clear colorless solution at 25 mg/ml in chloroform
UV/Visible Spectrum	EMM = 16.2 at λ_{max} 241 nm in ethanol
Carbon Content	69.62%

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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