



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-499025
Lot Number: SAMPLE
Product Name: 20 β -Dihydrocortisone
CAS Number: 116-59-6
Molecular Formula: C₂₁H₃₀O₅
Molecular Weight: 362.46
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)	> 95%	99.52%
Purity (TLC)		96%
Carbon Content	69.59%	66.98%
Chloroform		2.3%
Hydrogen Content	8.34 %	8.33%
Water Content		~1.8% 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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