



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-396005
Lot Number: SAMPLE
Product Name: Dihydroprogesterone
CAS Number: 145-14-2
Molecular Formula: $C_{21}H_{32}O_2$
Molecular Weight: 316.48

Test	Result
Appearance	Small white prisms
Identification (Infrared Spectrum)	Complies
Purity (TLC)	$\geq 98\%$
TLC	One spot ($R_f = 0.22$, 3:2 Hexane:Ethyl Acetate)
Melting Point	157.8 - 160.0 °C
Solubility	Soluble in most organic solvents Insoluble in water
Optical Rotation	+107° (Chloroform)

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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