



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206868
Lot Number: SAMPLE
Product Name: 4-Cholesten-3-one
CAS Number: 601-57-0
Molecular Formula: $C_{27}H_{44}O$
Molecular Weight: 384.65

Test	Specification	Result
Appearance	White to light yellow powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 97.5\%$	98.6%
Solution (Color)	Colorless to faint yellow at 50 mg/ml in $CHCl_3$	Colorless at 50 mg/ml in $CHCl_3$
Solution (Turbidity)	Clear at 50 mg/ml in $CHCl_3$	Complies
Optical Rotation	$91.0 \pm 2.5^\circ$ (c = 2, $CHCl_3$)	92.4°

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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