



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-287311
Lot Number: SAMPLE
Product Name: 17 α -Hydroxyprogesterone Caproate
CAS Number: 630-56-8
Molecular Formula: C₂₇H₄₀O₄
Molecular Weight: 428.60

Test	Specification	Result
Appearance	White or almost white crystalline powder	White crystalline powder
Free Acid	≤0.58%	Complies
Assay	97.0% ~ 103.0%	99.5%
Identification	IR	Complies
Melting point	120 °C ~ 124 °C	121 °C ~ 123 °C
Residual solvents	Ethanol ≤5000ppm Methanol ≤3000ppm	434ppm ND
Specific Rotation	+58° ~ +64°	+60°
Total Impurities	TLC	Complies
Water Content	≤0.1%	0.09%

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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