



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-279020
Lot Number: SAMPLE
Product Name: Estradiol enanthate
CAS Number: 4956-37-0
Molecular Formula: $C_{25}H_{36}O_3$
Molecular Weight: 384.556

Test	Specification	Result
Appearance	White crystalline powder	Complies
Free Acid	$\leq 0.5 \%$	0.28 %
Assay (Dried Basis)	$\geq 99 \%$	99.17 %
Identification (Infrared Spectrum)	Conforms to structure	Complies
Identification (TLC)	Conforms to structure	Complies
Identification (UV)	Conforms to structure	Complies
Residue on Ignition	$\leq 0.1 \%$	0.03 %
Solubility	Practically insoluble in water Soluble in alcohol, acetone, dioxane, chloroform Sparingly soluble in vegetable oils	Complies
Specific Rotation	$+37^{\circ} \sim +43^{\circ}$	$+41^{\circ}$
Loss on Drying	$\leq 0.5 \%$	0.2 %
Related Substances	$\leq 2.0 \%$	0.83 %
Estradiol	$\leq 1.0 \%$	Complies

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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