



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206452  
Lot Number: SAMPLE  
Product Name: 2-Hydroxy Estrone  
CAS Number: 362-06-1  
Molecular Formula:  $C_{18}H_{22}O_3$   
Molecular Weight: 286.37

Test	Specification	Result
Appearance		Tan powder
Identification	Passes	Complies
Identification (Infrared Spectrum)	Consistent with standard	Complies
TLC		Complies
Melting Point		Crystal phase transition at 187 °C, melts with decomposition at 190 - 192 °C (sealed, evacuated capillary tube)
Solubility		Clear solution with yellow cast in EtOH at c = 10 mg/ml
Optical Rotation ( $\alpha_{20/D}$ )		+165.5° (c = 0.8 in EtOH)

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)