



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214455  
Lot Number: SAMPLE  
Product Name: (+)- $\alpha$ -Tocopherol acetate  
CAS Number: 58-95-7  
Molecular Formula:  $C_{31}H_{52}O_3$   
Molecular Weight: 472.74

Test	Specification	Result
Activity	$\geq 1306$ I.U./g	1312 I.U./g
Appearance	White to yellow liquid or semi-solid	Light yellow semi-solid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Clear, colorless to yellow at 50 mg/ml in $CHCl_3$	Clear, very faint yellow at 50 mg/ml in $CHCl_3$
Carbon Content	77.2 - 80.3%	78.5%
Suitability	Insect cell test	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.

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)