



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-471187
Lot Number: SAMPLE
Product Name: β -Tocopherol
CAS Number: 16698-35-4
Molecular Formula: $C_{28}H_{48}O_2$
Molecular Weight: 416.68

Test	Specification	Result
Appearance	Colourless to yellow oil	Clear pale yellow oil
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		96%
Purity (HPLC)		98.14% (225 nm)
Specific Rotation		+3.5° (c = 0.5, Ethanol)
Carbon Content	80.17%	80.56%
Ethyl Acetate		~ 1.5%
Hydrogen Content	11.43%	11.43%

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