



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204969
Lot Number: SAMPLE
Product Name: (±)11-HEPE
CAS Number: 99217-78-4
Molecular Formula: $C_{20}H_{30}O_3$
Molecular Weight: 318.5

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	MH+: 317.2 H ₂ O: 299.2 CO ₂ : 273.2 H ₂ O, CO ₂ : 255.2 CH ₃ (CH ₂ CH=CH) ₂ CH=CH ₂ : 195.2 CH ₃ (CH ₂ CH=CH) ₂ CH=CHCHO: 167.2	MH+: 317.2 H ₂ O: 299.2 CO ₂ : 273.6 H ₂ O, CO ₂ : 255.6 CH ₃ (CH ₂ CH=CH) ₂ CH=CH ₂ : 195.5 CH ₃ (CH ₂ CH=CH) ₂ CH=CHCHO: 167.6
Purity (HPLC)	> 98%	98.1 % Retention Time Actual.: 5.20 min
Purity (TLC)	> 98%	100.00% Rf: 0.55
UV Absorption	λ max: 236 nm	λ max: 237 nm
UV/Visible Spectrum	Solvent: Ethanol λ max: 236 nm Abs.: 0.7211 Conc.: 100.00 μ g/ml	λ max: 237 nm Abs.: 0.7486 Conc.: 103.81 μ g/ml

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