



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-221131
Lot Number: SAMPLE
Product Name: ($\pm$)8-HEPE
CAS Number: 99217-77-3
Molecular Formula: $C_{20}H_{30}O_3$
Molecular Weight: 318.45

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	M-H+: 317.2 -H ₂ O: 299.2 -H ₂ O, CO ₂ : 255.2 -CH ₃ (CH ₂ CH=CH) ₃ CH=CH ₂ : 155.2	317.0 299.6 0.0 0.0
Purity (HPLC)	$\geq 98\%$	100.0% Retention Time Actual.: 18.80 min
Purity (TLC)	$\geq 98\%$	100.00% Rf: 0.61
UV/Visible Spectrum	Solvent: Ethanol λ max: 236 nm Abs: 0.7221 Conc: 100.00 ug/ml	λ max: 236 nm Abs: 0.7450 Conc: 103.16 ug/ml
λ max	236 nm	237 nm

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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