



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205170
Lot Number: SAMPLE
Product Name: (±)8-HDoHE
CAS Number: 90780-54-4
Molecular Formula: $C_{22}H_{32}O_3$
Molecular Weight: 344.5

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	M-H+: 343.3 -H ₂ O: 325.3 -CO ₂ : 299.3 -H ₂ O,CO ₂ : 281.3 -CH ₂ =CHCH=CH(CH ₂) ₂ COOH: 217.2 -OHC(CH=CH) ₂ (CH ₂) ₂ COOH: 189.2 OHC(CH=CH) ₂ (CH ₂) ₂ COO: 153.1	M-H+: 343.2 -H ₂ O: 325.1 -CO ₂ : 299.2 -H ₂ O,CO ₂ : 281.2 -CH ₂ =CHCH=CH(CH ₂) ₂ COOH: 217.2 -OHC(CH=CH) ₂ (CH ₂) ₂ COOH: 189.2 OHC(CH=CH) ₂ (CH ₂) ₂ COO: 153.0
Purity (HPLC)	> 98%	98.2% Retention Time Actual: 14.60 min
Purity (TLC)	> 98%	98.0% Rf: 0.72
UV/Visible Spectrum	Solvent: Ethanol λ max: 234 nm Abs: 0.4790 Conc: 100.00 μ g/ml	λ max: 234 nm Abs: 0.4712 Conc: 98.37 μ g/ml
λ max	234 nm	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.

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