



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200969  
Lot Number: SAMPLE  
Product Name: 12(S)-HHT  
CAS Number: 54397-84-1  
Molecular Formula:  $C_{17}H_{28}O_3$   
Molecular Weight: 280.40

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	M-H+: 279.3 -H <sub>2</sub> O: 261.3 -CO <sub>2</sub> : 235.3 -H <sub>2</sub> O, CO <sub>2</sub> : 217.3 -CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> CHO: 179.3	M-H+: 279.9 -H <sub>2</sub> O: 261.2 -CO <sub>2</sub> : 235.3 -H <sub>2</sub> O, CO <sub>2</sub> : 217.2 -CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> CHO: 179.1
Purity (HPLC)	≥ 97%	98.4% Retention Time Actual.: 11.90 min
Purity (TLC)	≥ 97%	100.0% Rf: 0.77
UV/Visible Spectrum	Solvent: Ethanol λ max: 232 nm Abs.: 0.5956 Conc.: 100.00 µg/ml	λ max: 232 nm Abs.: 0.5980 Conc.: 101.62 µg/ml
λmax	232 nm	231 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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