



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-490074
Lot Number: SAMPLE
Product Name: 14-Deoxy-11,12-didehydroandrographolide
CAS Number: 42895-58-9
Molecular Formula: $C_{20}H_{28}O_4$
Molecular Weight: 332.43

Test	Specification	Result
Identification (Infrared Spectrum)	Conforms with standard	Complies
Identification (Mass Spectrometry - ESI)	M-H+: 331.3	Complies
Purity (HPLC)	$\geq 98\%$	100.0% Retention Time Actual.: 5.00 min
Purity (TLC)	$\geq 98\%$	100.00% Rf = 0.57
Melting Point	195 - 204 °C	198 - 201 °C
λ_{max}	247 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.

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