



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205107A
Lot Number: SAMPLE
Product Name: ω -3 Arachidonic Acid ethyl ester
CAS Number: 123940-93-2
Molecular Formula: $C_{22}H_{36}O_2$
Molecular Weight: 332.52

Test	Specification	Result
Identification (FTIR)		Complies
Identification (Mass Spectrometry - APCI)	MH+ Expected: 333.2	Actual: 333.0
Purity (HPLC)	Column: Gemini C18, 5 μ , 4.6 x 250mm Mob. Phase: Acetonitrile:Water:Acetic acid (90:10:0.1) Flow Rate: 1.00 ml/min Detector UV: 210 nm	Retention Time Actual: 17.60 min Purity: 99.1 %
Purity (TLC)	Mob. Phase: Hexane:Ethyl Acetate:Acetic Acid (95:5:1) Stationary Phase: Silica Gel Visualized With: Sulfuric Acid	Rf: 0.50 Purity %: 100.00

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