



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-499782  
Lot Number: SAMPLE  
Product Name: (2E,4Z)-2,4-Decadienoic acid methyl ester  
CAS Number: 4493-42-9  
Molecular Formula:  $C_{11}H_{18}O_2$   
Molecular Weight: 182.26  
Native Source: Synthetic

Test	Specification	Result
Appearance	Colourless oil	Clear colourless oil
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		96%
Purity (GC)	> 95%	97.46%
Carbon Content	72.49%	73.97%
Ethyl Acetate		~1.1%
Hydrogen Content	9.95%	9.98%

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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