



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-280189  
Lot Number: SAMPLE  
Product Name: Vitamin K1  
CAS Number: 84-80-0  
Molecular Formula:  $C_{31}H_{46}O_2$   
Molecular Weight: 450.69  
Native Source: Synthetic

Test	Specification	Result
Appearance		Clear, yellow to amber viscous liquid
Identification		A and B Positive
Isomer		Z Isomer content: 17.25%
Purity (HPLC)		> 97 - 103%
Solubility		5% solution in alcohol, clear 5% n-Hexane is clear
Refractive Index (n <sub>20/D</sub> )		1.523 - 1.526
Impurity	Menadione	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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