



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475911
Lot Number: SAMPLE
Product Name: Vitamin K2(5)-D7
CAS Number: 957-78-8 (unlabeled)
Molecular Formula: $C_{16}H_{19}D_7O_2$
Molecular Weight: 247.34
Native Source: Synthetic

Test	Specification	Result
Appearance	Yellow to Dark Orange Oil	Dark Yellow to Dark Orange Oil
Identification (NMR)		Conforms to structure
Identification (Mass Spectrometry)		Conforms to structure
Isotopic Purity	> 95%	98.8%
Purity (TLC)		98%
Elemental Analysis		%C: 77.91 %H: 7.04
Solubility		Chloroform (Slightly), Methanol (Slightly)

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.