



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205106
Lot Number: SAMPLE
Product Name: 22(R)-hydroxy Cholesterol
CAS Number: 17954-98-2
Molecular Formula: $C_{27}H_{46}O_2$
Molecular Weight: 402.65

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Identification (NMR)	Complies with structure	Complies
Purity (TLC)	$\geq 98.00 \%$	99.00 %
Solubility	19.60 - 20.40 mg/ml in chloroform	20.00 mg/ml in chloroform
Solution (Color)	Colorless	Colorless
Solution (Turbidity)	Clear	Clear
Carbon Content	80.04 - 81.04 %	80.59 %
Water Content (KF)	$\geq 0.00 \%$	1.51 %

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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