



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-239015  
Lot Number: SAMPLE  
Product Name: (4S-trans)-2,2-Dimethyl-â,â,â'-tetra(1-naphthyl)-1,3-dioxolane-4,5-dimethanol  
CAS Number: 171086-52-5  
Molecular Formula:  $C_{47}H_{38}O_4$   
Molecular Weight: 666.80

Test	Specification	Result
Appearance	White to off-white powder or crystals	Off-white powder
Identification (1H-NMR)	Consistent with structure	Complies
Solubility	Clear colorless to yellow solution at 25 mg/ml in Ethyl Acetate	Clear faint yellow solution at 25 mg/ml in Ethyl Acetate
Optical Rotation	260 - 300° (c = 1%; Ethyl Acetate)	277°
Carbon Content	83.4 - 85.9%	83.4%

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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