



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-226867  
Lot Number: SAMPLE  
Product Name: (4R,5R)-2,2-Dimethyl- $\alpha,\alpha,\alpha',\alpha'$ -tetra(2-naphthyl)dioxolane-4,5-dimethanol  
CAS Number: 137365-09-4  
Molecular Formula:  $C_{47}H_{38}O_4$   
Molecular Weight: 666.80

Test	Result
Appearance	White powder with lumps
Identification ( $^1H$ -NMR)	Complies
Purity (HPLC)	99.4%
Melting Point	214.5 - 215.8 °C
Specific Rotation	-145° (20/546) -120° (20/D) c = 1 in ethyl acetate
Ratio	Enantiomeric ratio: > 99.5: 0.5 (HPLC)
Carbon Content	84.61%
Hydrogen Content	5.94%

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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