



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250958A
Lot Number: SAMPLE
Product Name: (S)-VAPOL
CAS Number: 147702-15-6
Molecular Formula: $C_{40}H_{26}O_2$
Molecular Weight: 538.63

Test	Specification	Result
Appearance (Color)	White to Tan	Light yellow
Appearance (Form)	Solid, Powder, Crystals, Crystalline Powder and/or Chunks	Powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity	$\geq 96.5\%$ (Excludes Dichloromethane Content, Solvent of Crystallization)	99.3%
Optical Rotation		127.1° (c = 1%, $CHCl_3$)
Carbon Content	86.1 - 92.3% (corrected for solvents)	86.7%
Dichloromethane		7.1 Wt%

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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