



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253344
Lot Number: SAMPLE
Product Name: (R,R)-(-)-N,N'-Bis(3,5-di-tert-butylsalicylidene)-1,2-cyclohexanediamine
CAS Number: 135616-40-9
Molecular Formula: $C_{36}H_{54}N_2O_2$
Molecular Weight: 546.83

Test	Specification	Result
Appearance	Yellow powder or crystals	Light yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Optical Rotation	-330.0° - -300.0°	-319.3°
Carbon Content	77.1 - 81.0%	78.9%
Nitrogen Content	4.9 - 5.3%	5.1%

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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