



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255457
Lot Number: SAMPLE
Product Name: (R,R)-(+)-2-Amino-1,2-diphenylethanol
CAS Number: 88082-66-0
Molecular Formula: $C_{14}H_{15}NO$
Molecular Weight: 213.28

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Enantiomeric Excess (HPLC)	$\geq 99.0\%$	100.0%
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99.0\%$	99.9%
Melting Point	116 - 119°C	116°C
Specific Rotation ($\alpha_{20/D}$)	$+124 \pm 3^\circ$ (C = 0.87 in ETOH)	125.2°
Carbon Content	78.84%	78.65%
Hydrogen Content	7.09%	7.11%
Nitrogen Content	6.57%	6.56%

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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